

AC's GUIDE *To The Commodore* AMIGA

Summer '91
U.S. \$9.95 Canada \$11.95

Complete Information On:

Nearly 3000 Products

637 Vendors

363 User's Groups

CDTV Products

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"Easy Finder" Tabs

◆ Indicates New Product Finds!

Plus

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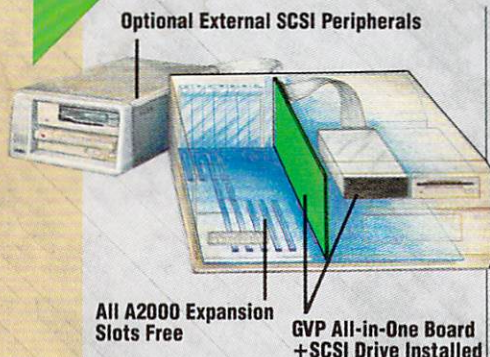


The Ultimate All-in-One Amiga® 2000 Add-on... 68030 POWER+16MB RAM+SCSI CONTROLLER

Replaces up to FOUR "normal" expansion boards!

IMPACT
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Now, a 22 or 33 Mhz 68030 accelerator board, up to 16MB of 32-bit wide RAM and a high-performance SCSI hard disk controller in a single A2000® "CPU slot" expansion board!



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the case with the A3000!). Provides ultimate SCSI hard disk performance!

- ✓ GVP's legendary FAAASTROM SCSI driver supports virtually all SCSI devices currently on the market, including hard disk drives, CD-ROM drives, Magneto-Optical drives, removable media drives and tape drives.
- ✓ Switch to 68000 mode by simply clicking on our new "68000 Mode" Icon, or include our special "mode switching" utility in your startup-sequence and select required mode each time system is rebooted, by holding down mouse buttons.
- ✓ Provides the ultimate expandability of your A2000 system. Plugs into the "CPU accelerator" slot, thereby leaving ALL FIVE A2000 expansion slots free for future expansion.

Internal SCSI Hard Drive (3.5" available up to 340MB!)

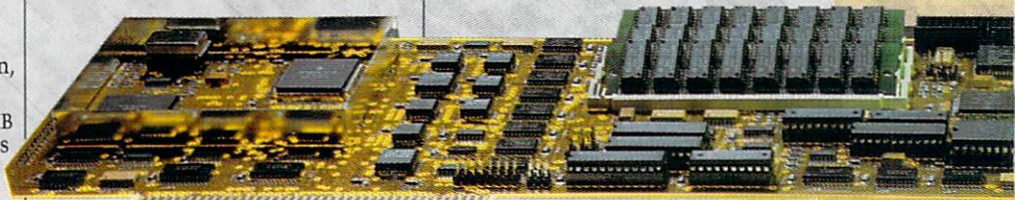
Built-in GVP Series II DMA SCSI Controller

Surface-mounted 68030 CPU and 68882 FPU (22 or 33Mhz)

SCSI Connector for external SCSI peripherals

Up to 12MB of 32-bit wide, User-installable SIMM32 Memory Expansion

1MB (22Mhz) or 4MB (33Mhz) Surface-mounted 32-bit wide Memory



COMPARE:

	A2000 +GVP All-in-One	Commodore A2500/30	Commodore A3000®
68030 CPU and 68882 FPU	Y	Y	Y
Maximum CPU clock speed available & shipping TODAY	33Mhz	25Mhz	25Mhz
Maximum 32-bit wide FAST memory on 68030 CPU board	16MB	4MB	16MB
Direct DMA access to more than 8MB of fast memory	Y	N	Y
DMA SCSI controller built-in on 68030 CPU board	Y	N	Y
Number of open Amiga expansion slots with 68030 CPU, SCSI controller and more than 4MB fast memory installed	5	3	4
RAM upgrades through easy-to-install 32-bit wide SIMM memory modules	Y	N	N

GVP

GREAT VALLEY PRODUCTS INC.
600 Clark Avenue, King of Prussia, PA 19406

For more information, or for nearest dealer, call today. Dealer inquiries welcome.

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Ernest P. Viveiros, Sr.

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Last Minute
Additions

The Summer 1991 edition of *AC's GUIDE to the Commodore Amiga* marks the steady improvement in both the size and versatility of the Amiga market. This guide contains over 700 new products and services for the Amiga. These products range from the latest '040 accelerators to the newest services provided to deliver Amiga 24-bit images to film.

In order to make these new listings highly visible we have highlighted each with a small diamond (◆). This is just one of the new features in this guide.

You will also notice that we have provided a printed row of "easy finder" tabs along the edge of all right-hand pages. These tabs are extremely helpful in showing you what section you are in at any given moment and where you will find other sections in the *GUIDE*.

Once again we have provided complete indexes of products and services listed by the name of the product as well as an index of products by vendor. Also included is the overall category list which makes it easier to discover which category contains a particular sub-section.

One exciting new section in this issue is our list of CDTV products. Commodore Dynamic Total Vision is one of the hottest new products to come from Commodore since the Amiga's introduction. With its emphasis on learning and entertainment, this new device will be a hit with a wide-ranging audience. Commodore has placed CDTV in thousands of retail locations and Amiga dealers. This small black box looks like a VCR but it is like nothing on the market today.

A BETTER GUIDE

All of these improvements have been made for one reason—to produce a better *GUIDE*. As always, your help in making this guide even better is gratefully appreciated. If you have suggestions on how we can improve *AC's GUIDE* further, please contact us by writing to:

AC's GUIDE
c/o PiM Publications, Inc.
P.O. Box 869
Fall River, MA 02722-0869

Although we have spent hundreds of hours, mailed thousands of letters, made an unbelievable number of phone calls, and created miles of FAXes to be certain that the information contained in this guide is correct, unfortunately nothing is perfect. If you do discover an error, please send us a letter at the above address and, depending on its urgency, we will either report it *immediately* in *Amazing Computing* or make the changes in our next *AC's GUIDE*.

If you are a vendor and you have not registered your product with *AC's GUIDE*, we need to hear from you as soon as possible. There is a special Vendor/Product Registration form on page 215. Please complete it and FAX or mail it to us as soon as possible. If at all possible, we will note your new product in an upcoming issue of *Amazing Computing*. However, the only way to be certain that you are in the next issue of *AC's GUIDE To The Commodore Amiga* is to keep us informed.

Once again, thank you for your support and participation. It is through your continued enthusiasm that the Amiga has attained the recognition it enjoys today.

AC's GUIDE/AMIGA

AC's GUIDE For The Commodore AMIGA™

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▼ GENERAL ▼

Aegis Amiga Graphics Starter Kit

A bundle of four of the original ground-breaking software packages for the Amiga! Perfect for the Amiga beginner, this package includes Aegis Images paint program, Aegis Animator for 2-D animation, Aegis Draw for an introduction to CAD and Aegis ArtPak, a collection of clip art by Jim Sachs and Richard Labarre! Arazok's Tomb, an exciting graphic adventure with more art by Jim Sachs, is included free! \$99.95
Oxxi/Aegis, 1339 E. 28th Street, Long Beach, CA 90806, (213) 427-1227

◆ Art Expression

Art Expression is a full-featured outline illustration program. It allows artists and graphic designers to create complex, artistic illustrations that can be scaled and used at any size without quality loss. Support for Adobe Type 1 outline fonts. Two objects can be blended together; color and line styles are blended as well. Groups/ Ungroups, Locks/ Unlocks, flips and aligns objects and groups of objects. Rotates objects directly on the page visually or by numeric entry in one degree increments. Autotracing of images from one to 24 planes, inside the program. Import EPS, Aegis Draw, Adobe Illustrator, and IFF DR2D format files. Fully compatible with all Amigas having 1MB of RAM or more, and AmigaDOS 1.3 and 2.0.

Soft Logik Corporation, 11131 S. Towne Sq. Ste. F, St. Louis, MO 63123, (314) 894-8608

Genesis

This fractal landscape generator allows you to create worlds with mountains, lakes, oceans, rivers, and waterfalls. Once you're happy with the world you have created, a built-in scripting ability allows you to move about the landscape as if you were flying. \$149.95

Microillusions, P.O. Box 3475, Granada Hills, CA 91394, (818) 785-7345

Graphics Workshop V1.01

Features include a 10-brush library, gray scaling, line art generation, true anti-aliasing, true polygon generation (3-22 sides), rays, four point curves, brush masking, color replacing, rub-thru drawing, pattern library with pattern draw, automatic normal, and halfbrite shadows. Supports standard page animation, and Cell animation. Using the powerful Page-Effects window, page animation integrated the brush library with 3-D perspective to allow 10-brush synchronization and timing with rotation, movement, acceleration, and fading. Other features include gradient fill,

wrapping, variable speed air brush, two types of stenciling, and 3-D perspective. The upgrade, version 1.01 corrects several software bugs, improves performance, and adds several new commands. Version 1.01 is quicker and more stable than version 1.0. \$100.00
Holosoft Technologies, 701 Paul Street, Escondido, CA 92027, (619) 743-0089

◆ Ilene's Color Cookbook

This is a utility to assist in making color printouts. It contains 32 color lo-res files of color charts with RGB settings. These can be printed out on any Amiga supported color printer. For use as a guide in approximating colors on the monitor or other specific color samples. Just load into the paint program you print from. \$29.95
Tru-Image, P. O. Box 660, Cooper Station, New York, NY 10276, (212) 777-7609

◆ Mandala

This is a string art construction set. Tired of working three or four days pounding nails into boards and wrapping umpteen layers of thread around them? Mandala lets you design three basic shapes: circle, ellipse, and starburst; select and string up to 47 layers; alter the palette to select wanted colors; and save that newly created masterpiece as an IFF file for later viewing when you may feel like actually pounding nails and creating it. \$24.95
SterlingWare, Inc., Whiteside Area Vocational Center, 1608 Fifth Ave., Sterling, IL 61081, (815) 626-5810

◆ Material Texture Library Vol. II-Wood Surfaces

A collection of high resolution (704x480 pixels) HAM images depicting a variety of quality wood textures and types. These images are designed for quality results when used as IFF brush mapping of 3D objects in many popular 3D rendering and paint programs (Turbo Silver or Sculpt 4D). The images can also be easily used as backgrounds for video applications. \$49.95
MicroSearch, Inc., 9896 Southwest Freeway, Houston, TX 77074, (713) 988-2818

Materials Texture Library Vol. I-Stone Surfaces

A collection of high resolution (704x480 pixels) HAM images depicting a variety of quality stone textures and types. These images are designed for quality results when used as IFF brush mapping of 3-D objects in many popular 3-D rendering and paint programs (Turbo Silver or Sculpt4-D). The images can also be easily used as backgrounds for video applications. \$49.95
MicroSearch, Inc. 9896 Southwest Freeway, Houston, TX 77074, (713) 988-2818

PostDriver

PostScript printer driver. Adds true PostScript printing capabilities to all programs. Works automatically with all software. Excellent, complete text and graphics support. Full black & white as well as color support. PostDriver has many options all settable with the included preferences program. Works on all Amigas. WB1.3 & WB2.0. No AREXX port, but AREXX can activate previously saved settings. NTSC/PAL compatible. \$49.00

Soft Service, Inc., ElectroCity, 4th Floor, SF-20520 ABO, Finland, (intl.) 358-21-6375762

◆ ProVector 2.0

ProVector 2.0 is an extremely fast and flexible object-oriented drawing program with a unique user-friendly interface. ProVector is fully multitasking and allows multiple drawings to be loaded/created simultaneously for easy cutting and pasting of objects. ProVector features a fast and accurate free-hand tool as well as bezier curve, regular and irregular polygon tools for both smooth and straight-line polygons. Other features include text-to-path, user editable color

fill patterns, grid-snap, and more. ProVector is completely user-configurable, offers keyboard shortcuts for most operations and includes a user selectable measurement system (Inches, Pica, Centimeters) as well as AREXX compatibility (several useful AREXX macros are included). Requires one megabyte of total RAM, AmigaDOS 1.3 or higher, AmigaDOS 2.0 compatible. \$299.95
Talesin, Inc., P.O. Box 1671, Fort Collins, CO 80522, (303) 484-7321

◆ Screen-Maker

Screen-Maker includes 100 deep color, hi-res images. The product requires no training, only a few simple commands, making professional graphics available in a fraction of the time and cost. Screen-Maker images include frames, panels, bars, scrolls, banners, geometrics, and natural images, which the user can then modify with text and pictures. Requires 24 IFF video board, or it can be used on Amiga's HAM mode. Price: \$395.00 for 3.5-inch diskettes; \$495.00 on a Syquest 44MB cartridge. Digital Graphics Library, Inc., The, 1382 Third Ave., Ste. 333, New York, NY 10021, (212) 978-8508

◆ SpiralMaster

A computer implementation of Kenner's Spirograph. This program allows up to 20 layers to be constructed on the screen at one time. Unique user interface allows easy setting of all relevant factors with editing and saving of finished designs in IFF format. Both inside and outside wheels may have up to 999 teeth. Up to eight user definable colors on the screen at a time. You have to see it to believe it! \$24.95
SterlingWare, Inc., Whiteside Area Vocational Center, 1608 Fifth Ave., Sterling, IL 61081, (815) 626-5810

Starships 2050

Starships 2050 is a three-disk set of professionally-sculpted 3-D models including starships, moonbases, fighters, satellites, and more. The set also includes a full disk of digitized NASA photographs for use as backgrounds. Designed for use with other modeling and animation software, this set contains completed 3-D models for creating high quality images and animations. These intricately crafted models are constructed in fine detail with face color and textures for optimal detail and rendering time. With this set one could compose animations of intergalactic exploration using the deep space probes or space colonies, or create interstellar wars using the starships or star fighters. They can be used by the professional as logos or special effects in videos. This set is designed for the weekend animator as well as professional. \$49.95
Polar Arts Software, 14145 Janna Way, Sylmar, CA 91342, (818) 362-8565

TeleGraphics International

Tape II: Color Cycling Animation

Instructional VHS videotape, approx. 45 minutes. Basics of color cycling animation using DeluxePaint. Begins with explanation of palette and simplest cycling techniques, advances to more sophisticated techniques, and complex animations. Includes Amiga Art Disk full of animations used in the tape plus other stock animated backgrounds to load and use yourself. The 2nd tape in a 3-tape series. Available individually, or as part of a 3-tape set. \$39.95

TeleGraphics International, 605 Dock Street, Wilmington, NC 28401, (919) 762-8028
please see display ad page 23

◆ The Bit Knitter

A computer-knitting machine interface which allows you to design in a paint program on the Amiga and download the design to an electronic knitting machine. Watch the progress of the design as you knit. The manual instructions are written for DeluxePaint although other programs may be used. The following knitting machines

Graphic Arts
Desktop Video
Word Processing
Desktop Publishing
Music
Education
Business & Home Productivity
Programming
Utilities
Entertainment
Miscellaneous Software
Drives
Memory Expansion
Accelerators
Video Hardware
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Last Minute Additions

are supported: Studio/Singer, Brother/Knitting, and Passap Electronics. \$499.99
Cochetille Computer Knit Products, Inc., P.O. Box 4276, Encinitas, CA 92024, (619) 942-1957

▼ 3-D ▼

3-D Vector Objects/Fonts

Growing collection of 3-D vector objects for raytracing. Forty different disks in each of three formats (T.S., Sculpt, VS), 65 new fonts and all categories of objects. Call for catalog. \$12.50 each / \$30.00 for set of three.

Dimension-X, Inc./CommoTech, 1636 D Ave., National City, CA 92050, (619) 477-3106

3-Demon

Universal 3-D object editor allows interactive creation and manipulation of solid objects in a single window. Compatible with VideoScape 3D, Sculpt, Silver, and Forms in Flight. Save objects as standard IFF files. \$99.95

Mimetics Corporation, P. O. Box 1560, Cupertino, CA 95015, (408) 741-0117

3D Professional

Fast, 3-D, polygonal rendering software with animation facility. Create professional, stunning 3-D images in a fraction of the time it takes ray tracing software. Also creates fractal landscapes, trees, and clouds. \$299.95

Progressive Peripherals & Software, 464 Kalamath St., Denver, CO 80204, (303) 825-4144

Aegis Modeler 3D

For use in animation programs. Provides flexible format for building your objects. Polygons used for creating objects may have any number of points. Use tools such as Flip, Merge, Lathe, and Extrude. Also included are Rotate, Translate, Scale, Mirror, Remap, and more. \$99.95

Oxxi/Aegis, 1339 E. 28th Street, Long Beach, CA 90806, (213) 427-1227

Aegis Videoscape 3D with Pro/Motion

Real-time 3-D animation with many options and many applications. Use diffused or specular lighting on any object in multiple colors in any of four screen resolutions, including full overscan. Image may be saved as IFF image then used in Amiga paint programs. Includes library of objects and images. \$199.95

Oxxi/Aegis, 1339 E. 28th Street, Long Beach, CA 90806, (213) 427-1227

C-Light

Low-priced 3-D animator and raytracing program with 3-D editor, shadows, mirror surfaces, multiple lights, and stereo-vision 3-D. \$24.95

Peterson Enterprises, 7 Grove Street, Haydenville, MA 01039, (413) 268-9232

◆ Caligari Broadcast 2.0

3-D conceptual design and video animation. Broadcast 2.0 includes a second generation virtual reality user interface; powerful new modeling capabilities including single point editing, mirroring, and slice and sweep operator functions; increased compatibility with Amiga-based frame buffers as well as support for TARGA+ and the ability to read the VideoScape object format; and a new real time color interface. Broadcast 2.0 will produce photorealistic images with texture mapping, environment mapping, shadows, and anti-aliasing using 16.7 million colors in video resolution or up to 8000 x 8000 pixels for slide output. \$3495.00

Octree Software, Inc., 311 West 43rd St., Ste. 904, New York, NY 10036, (212) 262-3116

◆ Caligari Consumer Modeler

Caligari Consumer is a 3-D conceptual design program for the home user. It includes the Object Design and Scene Composition module. It will operate on any Amiga with a minimum of 1MB RAM. \$179.00

Octree Software, Inc., 311 West 43rd St., Ste. 904, New York, NY 10036, (212) 262-3116

Caligari Pro Animate 2.0

3-D conceptual design and video animation full production system with object design, scene

composition, real-time script preview, and full control of VTR's. Only useable with 68020 & 68030. \$1295.00

Octree Software, Inc., 311 West 43rd St., Ste. 904, New York, NY 10036, (212) 262-3116

Caligari Pro Design 2.0

3-D conceptual design virtual reality, real-time interface. \$495.00

Octree Software, Inc., 311 West 43rd St., Ste. 904, New York, NY 10036, (212) 262-3116

Design 3D

Professional quality modelling package lets you model in wire frames with six line types and 16 colors, with dithering to emulate additional colors. four views: top, side, front, and perspective; with four light sources. Axel extrusion allows for fast modelling of symmetrical objects. Works in Hi-res interlace, or non-interlace. Requires 1MB and 1 drive. \$99.95

Gold Disk, Inc., 5155 Spectrum Way, Unit 5, Mississauga Ontario, Canada L4W 5A1, (416) 602-4000

◆ Draw 4D-Pro

Same features as Draw 4D, but enhanced for video applications. IFF bitmap wrapping. Gouraud value and/or color interpolative shading. Unlimited light sources that can be bitmapped and change intensity/color during an animation. New animation multi-level deform mode. An easy to use eye path for architectural walkthroughs. Compressed 24-bit IFF saves. Enhanced tools. Many more features. Super-Fast render times, often under 2 minutes. Available May, 1991. \$349.00

Adspec Programming, 1405 N. Ellsworth Ave., Salem, OH 44460, (216) 337-3325

◆ Draw4D

3-D graphics and animation. Real time direct window into 3-D space. Elegant wide angle, zoom, rotation controls. Full mouse, menu, gadget, keyboard support. Fully multitasking. Handles polygons of any number of sides. No scripts are required for animation. Preview animations at the touch of a key. A wide range of powerful tools. Interruptable Z-buffer redraw averages 30 sec/frame. Saves in IFF and ANIM formats. Directly saves fully shaded Professional Draw Clips in grey scale or full color. The ultimate desktop publishing drawing aid. Both regular and math coprocessor versions included. \$249.00

Adspec Programming, 1405 N. Ellsworth Ave., Salem, OH 44460, (216) 337-3325

DynaCADD

DynaCADD is a 2-D and True 3-D computer-aided design and drafting software solution that will turn your computer into a sophisticated and powerful CADD workstation. With electrical, mechanical architectural, or civil applications, DynaCADD provides a total design and drafting solution. DynaCADD revises, designs, and details drawing in 2-D and true 3-D, reads and writes the industry's standard file formats. DynaCADD offers an alternative solution to expensive, difficult-to-use CADD systems and brings mainframe CADD capabilities to the CADD Professional at a fraction of the cost. DynaCADD combines an extensive collection of features, uncommonly fast display speed, and seamless performance. DynaCADD's attention to ease of use drastically reduces the learning period normally associated with CADD packages. DynaCADD supports OS Version 1.3/2.0, NTSC, PAL/SECAM, ECS Graphic Modes, and Multitasking. DynaCADD package includes: 68000 and 68020/68030 Versions, 10 AGFA Compugraphic Fonts and four additional CAD Fonts, Vector Font/Hatching Editor-14 predefined hatching patterns included, background plotting. \$995.00

Ditek International, 2651 John St., Markham, Ontario, Canada L3R 2W5, (416) 479-1990

Forms In Flight 2

A 3-D graphics and animation package. \$119.00

Centaur Software, Inc., P.O. Box 4400, Redondo Beach, CA 90278, (213) 542-2226

PageRender 3D

3-D Static image rendering and 3-D animation. Supports stereo vision. Large and flexible object library provides tools to help you build your own object library. Four draw modes, choice of coordinate systems, scrollable display size, automatic geometric restructuring, automatic tracking; automatic script generation tools; generates ANIM files; compatible with PageFlipper Plus F/X. ARexx support. \$159.95

Mindware International, 110 Dunlop W. Box 22158, Barrie, Ontario, Canada L4M 5R3, (705) 737-5998

◆ Real3D version 1.3

The program speeds up the rendering time by 50%. Real3D supports anti-aliasing adjustable in 8 levels, 24 Bit in IFF Ibm and Targa format. The screen size can be manually altered up to 1024 x 1024. It is also possible to change the pixel ratio. Other features include bump mapping, clip mapping, animated textures, turbidity, specularity, specular brightness, polygon drawing, Anim5 format, icon selection, fog, and sculpt converter to name just a few. Activa will send a letter to all registered endusers and inform them about the update possibilities.

Activa International B.V., P.O. Box 2360, 1100 DT Amsterdam Zuidooit, The Netherlands, (31) (0) 20-91-1914

◆ Scapes—California Set-Inland Empire Area

This set contains an overlapping set of landscapes covering a contiguous area including Mission Viejo, Modjeska, Santiago Peak, Saddleback, Ontario, Corona, Norco, Riverside and San Bernardino, and the surrounding area. Six disks. \$79.95

Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515

◆ Scapes—California Set-Los Angeles area

This set contains an overlapping set of landscapes covering a contiguous area including Pomona, La Puente, Glendale, Palmdale, Agua Dulce, the city of Los Angeles, Pasadena, Glendale and Hollywood, and the surrounding area. Six disks. \$79.95

Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515

◆ Scapes—California Set-Mountain Resorts

This set allows the user to explore some of Southern and Central California's beautiful mountain vacation spots: Mt. Baldy and a series of landscapes covering the area around Mt. San Antonio, Lake Arrowhead and its surrounding areas, Mt. San Geronio, which covers the area south of Big Bear Lake, and Big Sur, which shows a series of landscapes covering the Pfeiffer Big Sur area along the California Central Coast. The package includes 68 overlapping landscape for animation. Six disks. \$79.95

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◆ Scapes—California Set-Orange County Area

This set contains an overlapping set of landscapes covering a contiguous area including Costa Mesa, Irvine, Anaheim, La Habra, Inglewood, Torrance, Long Beach, Huntington Beach, Downey, and the surrounding area. Six disks. \$79.95

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◆ Scapes—California Set-San Diego Area

This set contains an overlapping set of landscapes covering a contiguous area including Del Mar, La Jolla, San Diego, Chula Vista, San Clemente, National City and Vista, and the surrounding area. Six disks. \$79.95

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◆ Scapes—California Set-Simi Valley area

This set contains an overlapping set of landscapes covering a contiguous area including Castaic Lake, Lake Piru, Saugus, Newhall, San Fernando, Thousand Oaks, Santa Monica, Malibu and the surrounding area. Six disks. \$79.95

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◆ Scapes—Colorado River Set Hoover Dam Area

This set contains an overlapping set of landscapes covering a contiguous area including Lake Mead, Hoover Dam, Petroglyph Wash, Boulder Canyon, Bonelli Bay, and a portion of the Colorado River bordering both Arizona and Nevada. Six disks. \$79.95
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◆ Scapes—Colorado River Set Lake Mead Recreational Area

This set contains an overlapping set of landscapes covering a contiguous area including the Lake Mead Recreational Area, Ringbolt Rapids, Willow Beach, Mojave Mine, Spirit Mountain, Davis Dam, and a portion of the Colorado River bordering Arizona, Nevada and California. Six disks. \$79.95
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◆ Scapes—Grand Canyon Set #1-Western Exposure

This set contains an overlapping set of landscapes covering a contiguous area including Vulcan's Throne, Whitmore Rapids, Lower Granite Gorge, a portion of Grand Canyon National Park, a portion of the Lake Mead National Recreation Area, Snap Canyon, and a portion of the Colorado River bordering Nevada and Arizona which has carved out the western portion of the Grand Canyon. Six disks. \$79.95
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◆ Scapes—Grand Canyon Set #2-Western Exposure

This set contains an overlapping set of landscapes covering a contiguous area including Pipe Spring National Monument, Fredonia, a portion of the Kaibab Indian Reservation, Kanab Plateau, Kanab Creek, a portion of the Grand Canyon National Park, the Dome, Mount Sinyala, and a portion of the Colorado River in Arizona which has carved out the western portion of the middle of the Grand Canyon. Six disks. \$79.95
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◆ Scapes—Southern Colorado River Expansion Set

This set contains an overlapping set of landscapes covering a contiguous area including Moon Mountain, Blythe, La Paz Mountain, Dome Rock Mountains, Cibola National Wildlife Refuge, Imperial Dam, Yuma and a portion of the Colorado River bordering Arizona and California. Six disks. \$79.95
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◆ Scapes—Valles Marineris/Mars Expansions

The Valles Marineris Mars set allows the user to explore the 'Grand Canyon' of Mars, an area approximately the length of the United States. The data for this set was obtained from NASA. The chasms which have been discovered and named on this set are Nootis, Labyrinthus, Tithonium, Hebes, Ius, Cander, Ophir, Melas. Overlapping landscapes for animation. \$79.95
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◆ Scapes—Wyoming Set-Famous Vacation Spots

This set contains four overlapping sets of landscapes covering the areas surrounding Old Faithful, Gannett Peak (the highest point in Wyoming), Flaming Gorge National Recreational Area, and Devil's Tower National Monument. Six disks. \$79.95
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◆ Scapes—Wyoming Set-Jackson Hole area

This set contains an overlapping set of landscapes covering a contiguous area including Jackson Hole, Grand Teton, Two Ocean Lake, Jackson Lake, Ranger Peak, Jenny Lake, Moran and Teton Village, and surrounding area. Six disks. \$79.95
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◆ Sculpt 3Dxl

Release 2.02 (also includes accelerator version) 3-D modeling and Photo-Realistic rendering software. The Tri-View graphical interface provides ease of use for the novice without sacrificing the power needed by professionals. Generates images at standard Amiga display modes plus 24-bit color resolution. Power features include a multiple surface types, scripting language, hierarchies, splines, variable camera lens lengths, reflect, batch generation, and many more. Upgrade paths to SA4D are available. Distributed by Centaur software. \$179.95
Byte by Byte, Aboretum Plaza II 9442, Capitol of, TX Hwy N. Ste. 150, Austin, TX 78759, (512) 343-4357

Sculpt-Animate 4D

Release 2.09 (also includes accelerator version) 3-D modeling, Photo-Realistic rendering and animating software for professionals. The Tri-View graphical interface provides ease of use for novices without sacrificing the power needed by professionals. Generates images at standard Amiga display modes to 24-bit color at 4,000 line resolution. Power features include a scripting language, macros, grids, splines, coordinates, helix, spin, reflect, and many more. See 'Animation' listings for additional features. Distributed by Centaur Software. Requires AmigaDOS 1.2 or 1.3, 2 megs (hard drive strongly recommended). \$499.95
Byte by Byte, Aboretum Plaza II 9442, Capitol of, TX Hwy N. Ste. 150, Austin, TX 78759, (512) 343-4357

Sculpt-Animate 4D Jr.

Release 1.01 Consumer version of SA4D streamlined to operate on entry level Amiga systems. 4D Jr. provides an introduction to 3-D modeling and animation. Images may be generated in wire frame or as flat shaded surfaces. Features include spin, reflect, variable camera lens lengths, multiple lights, and many more. See 'Animation' listings for additional features. Upgrade paths to SA4D are available. Distributed by Centaur Software. Requires AmigaDOS 1.2 or 1.3, 1MB (additional memory suggested). \$149.95
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Turbo Silver 3.0

Turbo Silver 3.0 is a complete ray tracing and solid model rendering engine and 3-D editor to be used in the creation of photo realistic images and animations. Simple-to-use interface makes generating animations easy. Complete control of the world and camera are part of the Turbo Silver function set. \$199.95
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VISTA 1.2

Vista 1.2 is now released for 1 MB Amigas. New features are Gouraud shading (eliminates polygons), low res option (and original HAM mode), simulated trees. Vista generates beautiful, 3 dimensional landscapes using real world USGS data; Turbo Silver compatible, Animation capability, Half-Dome and El Capitan in Yosemite National Park, Mt St. Helens (before and after eruption), Crater Lake, Caldera of Mons Olympus, highest mountain of Mars, can be explored from any angle or perspective. Also 16 billion imaginary fractal landscapes. 2.0 compatible, PAL version. Inexpensive upgrades. \$99.95
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Video Effects 3-D

TV Network-style 3-D perspective special effects generator for the Amiga. Creates super smooth 3-D effects using 2-D high-res IFF pictures. The user controls each picture's 3-D path, speed, tumbles, turns, spins, and zooms, with an interactive real-time wire frame preview. The 3-D extrusion option creates 3-D solid logo from flat text. Super smooth effects playback at 60 fields/sec. \$199.95
InnoVision Technology, 1933 Davis St. Ste. 238, San Leandro, CA 94577, (415) 638-8432

◆ VisionModeller 3D

A full-featured 3-D modelling program which works in conjunction with XSpecs 3-D glasses from Haitex Resources. It has numerous primitive shapes including cubes, cones, spheres, and donuts, plus additional special primitives modulated donut, VanKoch snowflakes, and fractal trees. Easily create and edit points, lines, and faces. Tools allow you to extrude in any direction, spin around any axis, skin cross-sections, fillet lines, and generate multiple files for animations. Features read and write compatibility with Sculpt 3D/4D, Turbo Silver 3.0 and Imagine rendering programs. Requires 68020/030 processor and 68881/882 math co-processor; 1.5MB of memory. Compatible with AmigaDOS 1.2 thru 2.0. Demo disk available for \$10.00. \$150.00
ShaderSoft, 3631 Colby S.W., Wyoming, MI 49509, (616) 531-6083

◆ VistaPro

VistaPro creates beautiful painting-like landscape views and animations of Earth and Mars scenery, using Gouraud shading, hi-res, interlace and overscan. Saves and displays in 24-bit, hi-res, interlace, overscan or HAM. Saves images as IFF, IFF24, Turbo Silver objects (compatible with Imagine), and in 24-bit RGB for frame buffer output. Script support for animation modes: IFF, IFF24, RGB, and VistaPro's proprietary VANIM. Animation player for VANIM files from hard disk included. Scripting preview function shows path your animation follows through landscapes. Unlimited lighting positions. Compatible with Toaster, DCTV, Ham-E Board, Firecracker, Mimetics Frame Buffer. New landscapes included. Inexpensive upgrade. Requires 3 megs on NTSC, 3.3 megs for PAL. \$149.95
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World 3-D

World 3-D is an interactive graphic editor for the DBW-Render RayTracer. It is compatible with DBW-Render versions 1.0 and 2.x, and runs on any Amiga. It offers speed in designing, editing, & previewing scenes for DBW-Render, with a very friendly interface. World 3-D's features include a point and click interface, the ability to save individual objects, compact code that speeds you along, painless editing with ghosting, and much more. \$95.00
Synergy Peripheral Systems, 5638 Allen Ave. Ste. 3, San Jose, CA 95123, (408) 972-2434

▼ 3-D/CLIP ART & OBJECTS ▼

AniMotions

AniMotions will animate any human like object created with Sculpt Animate 4-D to execute a variety of common human movements. Create your own humanoids or use the included mannequins. Alter the movements as you wish and turn them into sequences of actions. The mannequins can also be manipulated into any posture and painted over. Sculpt Animate 4-D version \$49.95 / Turbo Silver version (operates only with enclosed mannequins) \$34.95. Requires 1MB.
Tom Macri, 3575 St. Lawrence Blvd, Ste 506, Montreal, Quebec, Canada H2X 2T7, (514) 982-9353

◆ Antic's 3-D Design Library™

Antic's 3-D Design Library™ is a collection of programs with 3-D objects on them that can be loaded into Videoscape 3-D; Sculpt 3-D, 4-D; TurboSilver; Imagine; and JourneyMan as well as the Video Toaster. Antic's 3-D Design Library™ now includes the following disks (each sold separately): Human Design Disk, Architectural Design Disk, Future Design Disk, Microbot Design Disk, Interior Design Disk, Woodlands Design Disk, Space Design Disk, Vintage Aircraft Vol I—Early Air Craft, Dinosaur Design Disk, City Icons Vol I—NYC, City Icons Vol II—San Francisco, City Icons Vol III—D.C. The following disks will be available by Fall 1991: Vintage Autos Vol I—50's, Vintage Autos Vol II—30's, Whales Design Disk, Western Town Design Disk, Vin-

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tage Aircraft Vol II—Desert Storm, Locomotive Design, Vintage Ships Vol I—Clipper Ships, Undersea Life Design Disk. Each disk is \$39.95.
Antic Software, 544 Second St., San Francisco, CA 94107, (415) 957-0886

◆ Earth and Planets VGLD.001.01-.04/4 Disk Set

Video Graphics Library Disk set. Four disks containing 32 overscan hires and interlaced digitized images, 19 drawings, 10 brushes and two animations of Earth, the moon, and other planets and moons in our solar system. Specially created for video applications, colors are toned down to avoid chroma crawl and other problems with video graphics. Most images have free colors in the palette for use with text and titling. Great for multimedia or business graphics. Some images may require 1Meg Chip RAM. NTSC compatible. \$39.95

Digital Designs Group, P.O. Box 593, Whiteville, NC 28472-0593, (919) 642-6295

Object Disk #1

A full disk of 3-D objects in Sculpt and Videoscape 3D format. Objects include a space shuttle, a human head and figure, a hot air balloon, office furniture and accessories, and a full font of letters. \$19.95

Syndesis, N9353 Benson Road, Brooklyn, WI 53521, (608) 455-1422

Orbiter/Space Station Data Disk

This Gallery 3-D object library for the Sculpt series of software includes sophisticated models which conform to design specifications of the U.S. orbiter and proposed Space Station modules. Each object contains a complete hierarchy to make animation and modification simple. Lets you build your own space project in the Sculpt universe. \$69.95

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Silicon World

Silicon World is a full disk of professionally designed 3-D objects for use with the popular Amiga 3-D modeling programs. Enhance your visions with our models of common electronic components. Resistors, transistors, capacitors, diodes, LEDs, chips of all shapes and sizes including accurate 68000 and 680x0 models, and more. We provide these objects in formats compatible with 3D Professional, Imagine, Amiga Sculpt 3D/4D, Mac Sculpt 3D, Turbo Silver 2.0 & 3.0, Modeler 3D, Videoscape 3D, and Interchange. \$24.95

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Slide City, 6474 Highway 11, Deleon Springs, FL 32130, (904) 985-1103

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Images and parts custom-made for 3-D and Page Flipping Animation programs with a focus toward Fantasy Animals subjects. Features objects for 3-D. Specify your 3-D Editor: 3-D Knight, Unicorn, Giants' Hand, 3-D Videocam, Dogsworld animation, 3-D Globe spin, Clouds backdrop, Field Backdrop HAM, and Tree Backdrop, More! Over 40 files, overscan HAM screens, and 3-D objects for your editor. Videoscape, Sculpt 3D, or Turbo Silver supported, two disks. \$24.95

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Virtual Landscapes I

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Virtual Landscapes II

Virtual Landscapes II is a full disk of professionally-designed 3-D objects for use with the popular Amiga 3-D modeling programs. Avoiding the sterile 3-D look is easy when you use the organic objects included with this disk. Trees from palm to poplar, bushes, shrubs, flowers, rocks, plants, and more. You'll be creating tranquil rural settings in no time. You even get a very funky moon and sun! We provide these objects in formats compatible with 3D Professional, Imagine, Amiga Sculpt 3D/4D, Mac Sculpt 3D, Turbo Silver 2.0/3.0, Modeler 3D, Videoscape 3D, and InterChange. \$24.95

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▼ 3-D/FONTS ▼

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Use VideoTitrer 3D with or without a Genlock device to turn your Amiga into a powerful titling workstation, perfect for desktop video and graphic presentations. The program includes over 20 different font styles, including outlining, drop shadows, and color gradations. Or design your own styles in the program's 'expert mode.' To display and animate your VideoTitrer screens, the presentation system, Lights/Camera/Action! has been included. Use over 40 transitions/special effects including wipes, color cycling, and dissolves with sound and animation. \$159.95

Oxxi/Aegis, 1339 E. 28th Street, Long Beach, CA 90806, (213) 427-1227

Fancy 3D Fonts

Available in Sculpt-Animate Version or Turbo-Silver Version. Each version contains a two-disk set of three proportionally sized fonts called Bold, Ital, and Fanc and emulate the font sets tradition-

ally known as Helvetica Bold, Bookman Italic, and Clarendon Medium. Each font set includes upper case, lower case, numbers (except Bold), symbols, and many international characters. \$79.95

Access Technologies, Inc., P.O. Box 202197, Austin, TX 78720, (512) 343-9564

InterFont (Includes InterChange)

InterFont turns your 3-D modeling program into a video titling system. If you add text to your renderings and animations, InterFont is a valuable part of your Amiga graphics system. Automatically create text objects for 3-D modeling and desktop publishing programs. InterFont includes the InterChange system and modules for Sculpt 3D, Videoscape 3D, and Aegis DrawPlus. Version 1.2 now includes 20 different InterFonts and the Professional Draw Converter Module, which makes InterFont text for Gold Disk's Professional Page and Professional Draw. \$119.95

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Living Logos Fonts

A 3-D font set containing three complete 3-D fonts. All fonts are in both Sculpt 4D and Turbo Silver formats. First in a series. \$39.95

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This Gallery 3-D font library for Sculpt-Animate 4D provides three clean sets of font characters. The included styles are Slot, Tube, and Prism. Each character is a separate Sculpt scene file which has been designed to automatically scale, offset and add itself to the hierarchy through SA4D's 'Load Font' option. The hierarchies make it easy to animate and modify 3-D flying titles for your next video production. \$69.95

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◆ Tate Fonts II

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▼ 3-D/UTILITIES ▼

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A powerful software module for ray tracing images from 3D Professional and other 3-D programs. Comes with many advanced features, including distributive network ray tracing. Available free of charge to current 3-D Professional users.

Progressive Peripherals & Software, 464 Kalamath St., Denver, CO 80204, (303) 825-4144

3D Options

Auto tracing, image creation and file conversion package. Allows you to take an IFF bitmapped picture and convert it into an object which can be used in various 3-D programs, or CAD packages. File formats supported include: Videoscape 3D, Aegis Draw, PostScript, DXE (AutoCAD...), Professional Page, Modeler 3D, Interchange, MCAD, and more. \$49.95

Rainbows Edge Productions, 4412 4th Ave., Brooklyn, NY 11220, (718) 965-1922

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Active Circuits, Inc., 1985 Highway 34 Ste. A-4, Wall, NJ 07719, (201) 974-1616

DigiWorks 3D

This new product will take digitized images, the latest in Amiga characters and clip art, or two dimensional graphics from painting or image processing programs and convert them into 2-D and 3-D objects to be rendered and animated in powerful 3-D rendering programs. A fast polygon fill algorithm has been implemented along with 2-D to 3-D extrusion options so that objects will be ready to directly load and render in a 3-D rendering program. Specific tools and options include Vertex Level Editing, User Definable Screen Colors, Freehand Drawing, Absolute and Relative Coordinate Measurements, Adjustable Tracing Accuracy, Output sizing Controls, and much more. \$129.95
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Add-on module for InterChange and InterFont. Converts to and from the Forms in Flight 1.0 format. Matches color palettes between objects and scenes. \$19.95
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InterChange

A proven system for sharing objects between 3-D modeling programs. Includes modules for Sculpt 3-D and VideoScape 3-D formats. Take advantage of the best of each 3-D program. Use one program for making objects, and another for generating images. Expandable into the future through additional modules for other formats and object manipulation tools. \$49.95
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◆ Lightwave Single Frame Utility

This utility gives users of the Toaster and Lightwave 3-D, the ability to single frame their animations after lightwave has rendered them to the hard drive in IFF RGB format which is a smaller file size than a framestore file. Works with many controllers on the market. \$49.95
Compu Animate, 1514 E. Rosemonte Dr., Phoenix, AZ 85024, (602) 582-4462

◆ Omega Face

An intelligent library for 3-D software. Omega Face is a library of 3-D objects, relative to the anatomy of the human face. It can be used on most modelling and animation software programs (Sculpt Animate, Imagine, Turbo Silver, 3-D Professional). Omega is the start of a series of 3-D models for Amiga.
Leo Capricorn, 1, Residence de la Tuilerie, 94260 Fresnes, France, 011-33-1-62-37-1644

PAGErender Conversion Module

Add-on module for InterChange and InterFont. Converts to and from Mindware's PAGErender 3-D format. Choose between Cartesian, Cylindrical, Spherical, and Tetrahedral coordinate sys-

tems. Reduce all polygons to six sides or less. Only available directly from Syndesis Corporation. \$34.95
Syndesis, N9353 Benson Road, Brooklyn, WI 53521, (608) 455-1422

RasterLink™ (formerly ImageLink)

RasterLink™ is version 3.0 of ACI's image conversion software for 24-bit color and advanced imaging. Supports Amiga, IBM PC, Macintosh, Next, Sun and other workstations' image formats. RasterLink basic conversion modules include IFF, Caligari/Rendition, GIF, Digi-View, Macintosh PICT/PICT2, PC-Paintbrush, Raw RGB, Sun Rasterfile, Truevision Targa, TIFF, Turbo Silver, and the ACS Harlequin Framebuffer. Requires 1MB. AREXX and NTSC/PAL compatible. \$199.95
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Turbo Silver Module Pack

A six-pack of Modules for InterChange and InterFont, including Modules for both Turbo Silver 2.0 and 3.0 formats, and four other Modules for manipulating objects. The Scale Tool enlarges and shrinks objects, the GridSnap Tool aligns the points of an object to a given grid, and the PointReduce Tool helps you get the best results with smooth objects. The Statistics Converter creates a file of information about an object, including exact point locations, edges, and faces. Polygon colors can be shown in raw RGB values, English color names, and VideoScape 2.0 color numbers. \$29.95
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Two-disk set of handy and unusual graphic and 3-D utilities of all types-object editors, wireframe, modulars, ANIM utilities, etc. \$34.95
Dimension-X, Inc./CommoTech, 1636 D Ave., National City, CA 92050, (619) 477-3106

▼ 3-D VIDEOTITLING ▼

◆ 3-D Animation and Videotitling Service

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TV One Productions, 800 N. Delsea Dr. #8, Westville, NJ 08093, (609) 853-1229

◆ 3D Text Animator

Automates production of animation of text strings. Facilities to extrude, spin, fly or match text into or out of display. Anim format result can be loaded into other programs such as Deluxe Paint. Results can be played directly from hard drive or floppy. \$49.95
Mindware International, 110 Dunlop W. Box 22158, Barrie, Ontario, Canada L4M 5R3, (705) 737-5998

TV GRAPHICS

TV GRAPHICS is a two-disk set video graphics background art to be used in desktop video presentations or professional video applications. Screens include marble, wood, brick, fiber, and decorative backgrounds. Also included are sets of frames for dubbing in external video sources. All screens are created in interlace overscan for direct video work. Backgrounds can be used with multi-media authoring systems, video titling, and paint software. \$49.95
Slide City, 6474 Highway 11, DeLeon Springs, FL 32130, (904) 985-1103

TV GRAPHICS 2

TV GRAPHICS 2 is the latest in the TV GRAPHICS video clip art series. TV GRAPHICS 2 is a two-disk set of video background art to be used in desktop video. New screens include more marble and wood, carpet, plaster bricks, and many more. All screens are created in interlace overscan for direct video work. Backgrounds can be used with multi-media authoring systems, video titling, and paint software. \$49.95
Slide City, 6474 Highway 11, DeLeon Springs, FL 32130, (904) 985-1103

▼ ANIMATION ▼

A Twist of Fate

More ANIMbrushes that are subject to stress on all axes, resulting in drastic dimensional aberrations. Can be combined with the 'Plato' ANIMbrushes to create some startling animation scenarios. Three disks of ANIMbrushes and free animation disk. \$39.95
EyefulTower Comm. / EarfulTower Prod., 15 Rockydale, Bristol, VT 05443, (802) 453-4293

Animation: Apprentice

Includes shading, highlights, scripting playback, record, object editor, and texture mapping. \$299.95
Hash Enterprises, 2800 E. Evergreen Blvd., Vancouver, WA 98661, (206) 693-7443

Animation: Effects

Flip, scroll, fade titles, or any IFF picture. Includes specular and diffuse reflection. Has full transformations. \$49.95
Hash Enterprises, 2800 E. Evergreen Blvd., Vancouver, WA 98661, (206) 693-7443

Animation: Flipper

Pack a series of IFF pictures so that they animate in real time. Batch entry for cycling. A Pencil-Test program. \$59.95
Hash Enterprises, 2800 E. Evergreen Blvd., Vancouver, WA 98661, (206) 693-7443

Animation: Quick2D

Animation: Quick2D elegantly and efficiently creates interesting 2-1/2-D animations. Think of 2-D animations as cardboard cutouts with pins holding them together at the joints. You can define the hierarchy of the cutouts so that if an arm moves, so does the hand. Each cutout can be on a different layer so that a character can pass between objects. Motion is Keyframed and interpolates between frames automatically. Quick2D supports multiple IFF resolutions, including overscan, PAL, and HAM. It saves animations in the popular ANIM opt 5 and HAM formats, and has real-time wireframe preview. \$79.95
Hash Enterprises, 2800 E. Evergreen Blvd., Vancouver, WA 98661, (206) 693-7443

Animation: Rotoscope

Animation paint program featuring two layers. \$79.95
Hash Enterprises, 2800 E. Evergreen Blvd., Vancouver, WA 98661, (206) 693-7443

CANVAS

CANVAS is a three-disk collection of 13 animation demos and five pictures that can be loaded into your favorite paint editor, such as DeluxePaint III. The animators were developed in the traditional style of animation, and can be found no-

Graphic Arts
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Vendor Information
Product Index by Product
Product Index by Vendor
Category Index
Last Minute Additions

where else except in CANVAS. One MB of memory is suggested as most of these animations run at 15 fps and range from 60 to 120 frames long. \$30.00
Silver Fox Software, P.O. Box 551413, Dallas, TX 75355-1413, (214) 349-1681

◆ Digifaces 1,2,3

Animated (ANIMbrushes) eyes, mouth, and other elements combine on screen to produce an entertaining package for Amiga users of all ages. Professional applications include use for video animation, titling, and television bumpers. Price is \$49.95 per set of three disks.
EyefulTower Comm. / EarfulTower Prod., 15 Rockydale, Bristol, VT 05443, (802) 453-4293

Fantavision

Easy-to-use animation for beginners and advanced users. Features object-oriented drawing tools, digitized sound effects, tweening, and transformation. Fantavision can generate 64 intermediate animation images for every frame drawn, resulting in amazing magic motion and special effects. \$59.95
Broderbund Software Inc., 17 Paul Drive, San Rafael, CA 94903, (800) 527-6263

Imagine

Imagine is the next generation in rendering animation systems for the Amiga computer system. It is now possible to perform functions on the Amiga that have been left to much larger computer platforms. In many areas Imagine is capable of functions that are not available on these larger platforms. With the use of 24-bit rendering techniques, Amiga owners can now compete in the world of professional animations at a much lower cost than has been available to date. \$350.00
Impulse, Inc., 6870 Shingle Creek Parkway #112, Minneapolis, MN 55430, (612) 566-0221
please see display ad inside back cover

LightBox™—

The Drawing Tool for Animators

LightBox™ patented animation software automatically shows you the previous and following drawings as if they were stacked up with pegs on a conventional light box. The drawings are shown in contrasting colors for easy identification. You fill in your animation by creating additional drawings in between the ones shown. This allows for true pose planning and smooth inbetweening. You can flip your drawings as you work to instantly see them animated at true speed. \$189.00
R & D L Productions, Inc., 40 Liss Rd., Wappingers Falls, NY 12590-1609, (914) 298-8968

MovieSetter

Novice animation program lets you create action cartoon sequences with full stereo sound, in minutes. Easy to use interface allows you to rapidly produce complex animation sequences several minutes long with only 1 MB of memory. Use built-in, professionally-drawn movie clip files or make your own 32 color images from within the program. Imports IFF graphics, generates sounds, and attaches stereo sounds to characters. Special features include color cycling, 60 frame/sec. playback, and linear and optical guides to help you create special animation effects. Full overscan lets you save features to your home library. Requires 1 MB and only one drive. \$99.95
Gold Disk, Inc., 5155 Spectrum Way, Unit 5, Mississauga Ontario, Canada L4W 5A1, (416) 602-4000

PageFlipper Plus F/X, Version 2.0

Full-screen IFF image and special effects program. All resolution levels; all modes. Tutorials help you tailor your animations for maximum speed (in low-res 40-60 frames/sec., hi-res 20-30 frames/sec.). Well-designed interface, interactive script editor, context sensitive help facility, virtually unlimited full-screen, ANIM support, player program. Loops-within-loops, animations upside-

down or left to right, and global or frame-by-frame foregrounds. Color cycling, palette changes, and more. PageFlipper Plus F/X 2.0 will also come with PageSync, a recently-announced peripheral software utility from Mindware that lets anyone synchronize Amiga graphics with external MIDI devices, such as synthesizers, drum machines, or other computers running MIDI sequencing software. \$299.00
Mindware International, 110 Dunlop W. Box 22158, Barrie, Ontario, Canada L4M 5R3, (705) 737-5998

Photon Video Cel Animator

Animates and plays back in any sequence. Allows color and sound synchronization. Continuous play option replays screens in continuous loop. Sound synchronization, color. Fully compatible with most art, animation, and rendering software. \$69.95
Microillusions, P.O. Box 3475, Granada Hills, CA 91394, (818) 785-7345

Plato's Revenge

Twisting and compressing ANIMbrushes based upon the Platonic Solids. Useful in developing interesting animations, segues between scenes, and in discovering the intricacies of 3-D movement. An excellent choice for educational use. Three disks of ANIMbrushes and free animation disk. \$39.95
EyefulTower Comm. / EarfulTower Prod., 15 Rockydale, Bristol, VT 05443, (802) 453-4293

◆ Scenery Animator

With Scenery Animator you can easily create photorealistic animations or single frames of real world and fractal terrain with water, snow, and vegetation. Detailed 30 meter USGS data for the High Sierras, Lake Tahoe, Yosemite, and the Grand Canyon are included, and many more are planned. Supports 4D camera positioning, direction, and zooming. Has a built-in keyframe animation interface that allows straight and curved camera flight paths and automatic tweening. Produces ANIM5, IFF, and 24-bit IFF files for use with frame buffers. AmigaDOS 2.0 compatible. \$99.95
Natural Graphics, 4603 Slate Ct., Rocklin, CA 95677, (916) 624-1436

Sculpt-Animate 4D

Support for single-frame recorder drivers, 24-bit frame buffer drives, frame speed control and genlocks. Three types of 3-D animation are included: Keyframe animation allows polymorphing of objects and colors. Object cycling substitutes models at edit points, and Global animation which allows objects to move and tumble along paths automatically. Supports RAM, ANIM-5, and J-Op animation compression techniques. See '3-D' listing for additional features. Distributed by Centaur Software. Requires AmigaDOS 1.2 or 1.3, 2MB (hard drive strongly recommended). \$499.95
Byte by Byte, Aboretum Plaza II 9442, Capitol of, TX Hwy N. Ste. 150, Austin, TX 78759, (512) 343-4357

Sculpt-Animate 4D Jr.

Designed as a first step into 3-D animation techniques, keyframe animation allows easy polymorphing of object shapes, position, and colors in 3-D. Supports RAM, ANIM-5, and J-Op animation compression techniques. Static elements may be placed through the Global scene or with background/foreground images. See '3-D' listing for additional features. Distributed by Centaur Software. Requires AmigaDOS 1.2 or 1.3, 1MB (additional memory suggested). \$149.95
Byte by Byte, Aboretum Plaza II 9442, Capitol of, TX Hwy N. Ste. 150, Austin, TX 78759, (512) 343-4357

◆ Surface Master for Imagine

Surface Master provides you with a large number of predetermined surfaces while instructing you on Imagine's surface capabilities. The settings for the Preset Materials have been carefully chosen to work in the widest array of circumstances. By studying the sample screens and objects you will

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FractalPro 4.0

NEW! List \$99.95

256 Color HAM Mandelbrot, Julia, and 'Cube' fractals and 12 animation modes (8 pan directions, zoom in/out, tween, Julia cascades) and makes digital maps you can render in 3-d with Vista (tm). Fast 100% assembly language with 68020/030 support, 2.0 compatibility, and overscan. Make beautiful interlace IFF fractal images compatible with all HAM graphics programs. PAL version available. The only professional quality Amiga system for stunning fractal videos, used by artists & pros worldwide.

CellPro 1.1

List \$89.95

Cellular Automata art and animation system with built-in CA algorithms (Arithmetic, Replicate, Cyclic, Life) & powerful graphic Designer Mode to create millions more (samples on disk). Uniquely creative video title animations, operates on existing IFF title images. Fast, 2.0 compatible, has overscan and interlace support. PAL version available, too.

BarPro

List \$899.50

Industrial Quality Intelligent Bar Code Scanning Wand (RS-232) with software which lets you scan all popular types of bar code labels directly into all your favorite Amiga software applications (database, spreadsheet, inventory control, even AmigaDOS commands!). Includes software for printing and IFF handling of bar code labels (available separately \$89.95). Convenient plug-it-in-and-go operation. Perfect for inventory, point of sale, shipping/receiving applications. One year hardware warranty.

NeuroPro

List \$89.95

Explore the state-of-the-art in artificial intelligence technology - Neural Networks - with this unique system. Color graphic display of network operation. Fast 100% assembly language w/ math coprocessor support. Uses 3-layer back-propagation networks with up to 192 neurons and 8192 connections. Automatically learns complex pattern recognition problems.

Available at local dealers or direct: \$4.00 Shipping 6.5% CA Tax
MegageM 1903 Adria Santa Maria, CA 93454 (805) 349-1104

Circle 143 on Reader Service card.

gain the ability to create your own surface settings with confidence. To utilize Surface Master a general knowledge of the Amiga and Imagine is assumed.

Computer Imagery, 49 Walnut Ave., Shelton, CT 06484

The Animation Studio

The Animation Studio is the only full-featured animation and paint program to utilize state-of-the-art cel animation techniques characteristic of Disney-style animation. Features exclusive 'onion skin' technology for viewing multiple cels simultaneously, plus full paint functions, Disney animation tutorials, and a library of Disney character and background art. \$179.95

Walt Disney Computer Software, Inc., 500 S. Buena Vista Street, Burbank, CA 91521, (818) 567-5360

The Director Version 2

Animation/presentation language compatible with IFF pictures, sounds, and ANIM files. Performs dissolves, wipes, page flipping, and more. Provides full interactive presentations capabilities. \$129.95

Right Answers Group, The, P. O. Box 3699, Torrance, CA 90510, (213) 325-1311

The Talking Animator

Easy-to-use page flipper. Lets each frame have its own palette of colors from 4096. Incorporates talking text into any page of graphics to give you the ultimate doodle pad to create stories or cartoons. All documentation on-line; just press the HELP key. Ghosting feature lets you see images from previous pages for graphics placement and smooth animation. The output works well with genlocks. Runs with 512K but 1MB recommended. Shipped with data disk full of animations. \$49.95

JMH Software, 7200 Hemlock Lane, Maple Grove, MN 55369, (612) 424-5464

Tomorrow Ships

Rocketplanes and satellites to populate your Amiga galaxy. All of the ANIMbrushes are created in hi-res 8 and 16 colors, and require a 1 MB of RAM to use effectively. Two disks of ANIMbrushes and a bonus animation disk. \$39.95

EyeFullTower Comm. / EarfulTower Prod., 15 Rockydale, Bristol, VT 05443, (802) 453-4293

Transitions

Animated effects for transitioning your videos. Cupids, champagne toasts, cartoons, and many more. Prices range from \$25.00-\$99.99.

InSync, 410 Maple Ave., Westbury, NY 11590, (516) 574-0225

◆ VIVA Presents

Create interactive multi-media presentations with the click of a mouse. Mix and synchronize still images, animations, text, digital sound and music for dynamic presentations. Take full advantage of the Amiga Interface with buttons, function keys, etc. \$79.95

Knowledge Media, 436 Nunneley, Paradise, CA 95969, (916) 872-3826

Zoetrope

System for your Amiga with the functionality and features found only on high-end graphic systems. Create 2-D animated fantasies, animate 3-D images. Contains all the standard paint tools: brush, box, rubber, line fill, etc. Works with Live!, Aegis Animator, Videoscape 3D, and Aegis Titler IFF images. \$49.95

Antic Software, 544 Second St., San Francisco, CA 94107, (415) 957-0886

▼ ANIMATION & UTILITIES ▼

AMIGA-SF

These are the first in a series of over 25 volumes of ANIMbrushes for Amiga science-fiction fans and movie-makers. Each of the disks contains startling hi-res 8- and 16-color SF elements. The first three sets focus upon rockets and other 3-D craft. Future volumes will contain all of the other elements needed to create a full Amiga-produced animated 3-D feature video. Volumes 1A, 1B, 1C: Two disks of ANIMbrush 3-D spacecraft plus an extra disk of a completed animation. Volumes

2A, 2B, 2C: Two disks of ANIMbrush 3-D spacecraft plus an extra-terrestrial planets and cosmic scenes (HAM) to genlock with your animations. Volumes 3A, 3B, 3C: Two disks of ANIMbrush 3-D spacecraft plus an extra-terrestrial planets and cosmic scenes (HAM) to genlock with your animations. Two disk set. \$69.95

EyeFullTower Comm. / EarfulTower Prod., 15 Rockydale, Bristol, VT 05443, (802) 453-4293

ART DISKS

Each of these 10 disks sell for \$7.00 each and represents some of the work accomplished by one of the Amiga's most published and prolific artists. The first two were created to demonstrate the PROPS/Scene Generator interface, and the rest cover many subject areas and methods of electronic painting. The entire 10-piece set may be purchased for \$69.95.

EyeFullTower Comm. / EarfulTower Prod., 15 Rockydale, Bristol, VT 05443, (802) 453-4293

Aegis Animagic

Animagic lets you perform amazing special effects with both IFF picture files and ANIM-style animations. Create spectacular DVE effects with your favorite pictures or ANIM's from VideoScape 3D, VideoTitler, or Deluxe Paint. You can even design your own unique effects. Using the powerful ANIM editor, the resulting ANIM files can then be edited, enhanced, or spliced together for longer movies. Includes sample animations and pictures and a special math coprocessor version of the program for Amigas equipped with 68020 and 68881 processors. \$139.95

Oxxi/Aegis, 1339 E. 28th Street, Long Beach, CA 90806, (213) 427-1227

Animation Station

Storyboard animation editor for editing and manipulating standard, Op-Code 5 Amiga animations. Thousands of special effects. Combine multiple animations into one, or place one animation on top, behind, at the beginning, or end of another. \$49.95

Progressive Peripherals & Software, 464 Kalamath St., Denver, CO 80204, (303) 825-4144

Animation: Editor

Animation resolution and format conversion, plus editing. \$59.95

Hash Enterprises, 2800 E. Evergreen Blvd., Vancouver, WA 98661, (206) 693-7443

Animation: Libraries

Library of objects for use with Animation: Apprentice. Including dragons, knights, people, Christmas, and dinosaurs. \$24.95

Hash Enterprises, 2800 E. Evergreen Blvd., Vancouver, WA 98661, (206) 693-7443

Animation: Multiplane

Multilayering and special effects for animations. \$89.95

Hash Enterprises, 2800 E. Evergreen Blvd., Vancouver, WA 98661, (206) 693-7443

Animation: Soundtrack

Soundtrack synchronization and editing for ANIM-compatible animations. \$119.95

Hash Enterprises, 2800 E. Evergreen Blvd., Vancouver, WA 98661, (206) 693-7443

Animation: Stand

Performs functions similar to a real camera animation stand. Includes distortion and zooming. A must for the serious animator. \$49.95

Hash Enterprises, 2800 E. Evergreen Blvd., Vancouver, WA 98661, (206) 693-7443

◆ Cell Movie 1

Video titling animation created with CellPro in 320 x 200 16-color graphics mode. Animation clip art for use with ANIM generator and editing programs. Includes self-running display program. \$10.00

MegaMem, 1903 Adria, Santa Maria, CA 93454, (805) 349-1104

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CellPro

Cellular automata art and animation system for video titling, research, recreational computing, algorithmic art, and educational applications. Generates images in up to 16 colors on Amiga 320 x 200 screen (overscan support also included, PAL available). Includes six built-in CA algorithms (Arithmetic, Life, Replicate, and more). Powerful Designer Mode for user-designed two-state CA algorithms with four or eight neighbors (many examples on disk). AutoSave feature for rapid compilation of image sequences for conversion to ANIM files. Load/Save IFF images, Load/Save Designer Mode algorithms. Compatible with Amiga graphics and paint programs. 2.0 compatible. \$89.95

MegaMem, 1903 Adria, Santa Maria, CA 93454, (805) 349-1104

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Digimate 3

This animation facility allows one to open, append to, and play ANIM format animations interactively. Since these animations can be stored and played from RAM, hard drive, or even floppy, the animation size is limited only by the storage capacity of one's hard drive. Digimate 3 also includes powerful ANIM processing capability, allowing the videographer to convert entire animations with the click of the mouse. Digimate 3 opens up an entirely new world of creativity to graphics users seeking to take advantage of the photorealistic qualities of HAM imagery. \$39.95

Mindware International, 110 Dunlop W. Box 22158, Barrie, Ontario, Canada L4M 5R3, (705) 737-5998

Fractal Movie 1

Fractal animation pulsating 'cube' Julia Set created with FractalPro in 256-color HAM graphics mode. Animation clip art for use with ANIM generator and editing programs. Includes self-running display program. \$10.00

MegaMem, 1903 Adria, Santa Maria, CA 93454, (805) 349-1104

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Fractal Movie 2

Fractal animation of Julia Set zoom created with FractalPro in 256-color HAM graphics mode. Animation clip art for use with ANIM generator and editing programs. Includes self-running display program. \$10.00

MegaMem, 1903 Adria, Santa Maria, CA 93454, (805) 349-1104

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Fractal Movie 3

Fractal animation of Julia Set cascade sequence created with FractalPro 4.0 in 256-color HAM graphics mode. Animation clip art for use with ANIM generator and editing programs. Includes self-running display program. \$10.00

MegaMem, 1903 Adria, Santa Maria, CA 93454, (805) 349-1104

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FractalPro 4.0

Fractal art and animation system utilizing high-res HAM 256-color graphics mode to generate Mandelbrot, Julia, 'cube' Mandelbrot, and 'cube' Julia still images and smooth pan, zoom, tween, and cascade animation sequences. Provides 12 types of fully automated animation sequences with four increments of motion, with eight pan directions, zoom in/out, tween, and cascade, zoom up to 200 trillion magnification, generate fractal landscape files for 3-D rendering in Vista (tm) and VistaPro (tm). Fast 100% assembly language. Includes automatic support for 68020/030 Amigas, overscan support, and PAL version available. Compatible with HAM paint and animation utility programs. 2.0 compatible. \$99.95

MegaMem, 1903 Adria, Santa Maria, CA 93454, (805) 349-1104

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ImageFinder

ImageFinder is a great utility for finding graphic files by looking at miniatures (called thumbnails) of the images in full color or in gray scale. Disk volumes and/or directories are scanned for ILBM

Graphic Arts

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or ANIM files to create an index file. Thumbnails stored in index files can be browsed directly or after being sorted. The drawer and file name of a selected image can be automatically entered in the requester of an application. 512K required. \$65.00

Zardoz Software, 6114 La Salle Avenue Ste. 304, Oakland, CA 94116, (415) 339-6280

KARA FONTS-AnimFonts 1™

ChromeSCRIPT is an eight-color formal script in caps and lower case and comes in both a Keyboarded and an AnimFont. Each letter appears to be handwritten across the screen. Additional palettes included along with utility programs to use ColorFonts. One disk \$49.95

Kara Computer Graphics, 2554 Lincoln Blvd. Suite 1010, Marina Del Rey, CA 90291, (213) 578-9177

KARA FONTS-AnimFonts 2™

Bullion is a dimensional, beveled, highlighted, uppercase, gothic 8-color font and comes in both a Keyboarded and AnimFont. The AnimFont rotates onto the screen 90 degrees on the Y axis to the left while a glint of light travels across the face. Also includes additional palettes and utility programs to use ColorFonts. One disk. \$49.95

Kara Computer Graphics, 2554 Lincoln Blvd. Suite 1010, Marina Del Rey, CA 90291, (213) 578-9177

KARA FONTS-AnimFonts 3™

Capsule is a hi-res eight color metallic, rounded gothic, uppercase contemporary font 'which sparkles on' from the middle revealing characters to the top and bottom. Then, a sparkles goes across each letter from the left to the right. A separate sparkle for custom effects is included. Comes in both keyboard and ANIMfont format with palettes of chrome, gold, metallic, and silver. One disk. \$49.95

Kara Computer Graphics, 2554 Lincoln Blvd. Suite 1010, Marina Del Rey, CA 90291, (213) 578-9177

KARA FONTS-Starfields

Animated hi-res 704 x 480 overscan, Starfield backgrounds in three views: front, diagonal, and side. Each comes in a two-color version fast loading to dump to video and 16-color palette version to include two different KARA FONTS or one KARA FONT and an included animated object such as an Earth, moon, satellite or an asteroid. Compatible with DPaint 3 and other programs that use the ANIM and animbrushes format. Two disks. \$59.95

Kara Computer Graphics, 2554 Lincoln Blvd. Suite 1010, Marina Del Rey, CA 90291, (213) 578-9177

Media Line

All backgrounds are made with standard VideoScape 32-color palette. Works well with other animation packages. The 30 backgrounds are situated in four drawers, Scenic, Textbacks, Structures, and High Tech. Backgrounds are in interlaced lo-res to get maximum resolution and in overscan to eliminate borders when transferring to videotape or film. \$39.95

Free Spirit Software, Inc., P. O. Box 128, 58 Noble St., Kutztown, PA 19530, (215) 683-5609

MovieClips

Additional backgrounds, animations sequences, and sounds for MovieSetter. Can be used with any IFF program. \$34.95

Gold Disk, Inc., 5155 Spectrum Way, Unit 5, Mississauga, Ontario, Canada L4W 5A1, (416) 602-4000

OLO Animated Fonts 1

Marmor is a hi-res, 8 color, marble-looking, massive, and impressive font in caps that comes both in keyboard and ANIM Brush-format. Keyboard version supports most characters in German, French, Spanish, & 'Scandinavian'. Two sizes (120 & 140 pts.). Animated version covers letters A-Z in 120 pts. Each animated letter grows from out of dull stone. Then it's illuminated and thereby it lets the beautiful marble pattern appear. There are 49 frames per letter. Comes standard in Ivory-

palette with different, suitable marble palettes added. Two disks and a thorough 40-page user manual in English included. Requires minimum of 1.5 MB RAM. \$59.95

ArtoVinjett, Byalys v.65, S12174 Jhov, Sweden, 011-46-86497702

OLO Animated Fonts 2 (Glider)

Glider is a hi-res, 8-color, metal-looking, attractive and shiny font in lower-case looking caps that comes both in keyboard and ANIM Brush-format. Keyboard version supports most characters in German, French, Spanish, & 'Scandinavian'. Two sizes (108 & 128 pts.). Animated version covers letters A-Z in 108 pts. Each animated letter is exploded into position. The next sequence shows a beam of light traveling through the brim and surface of each letter from left to right with sparkles further enhancing the impression. There are 42 frames per letter and comes standard in sober green/brown-palette with 6 other palettes added. Two disks and a thorough 40-page user manual in English included. Requires minimum of 1.5MB RAM. \$59.95

ArtoVinjett, Byalys v.65, S12174 Jhov, Sweden, 011-46-86497702

OLO Animated Fonts 3 (Gold)

Gold is a hi-res, 8-color, gold looking, clear and exclusive font in caps that comes both in keyboard and ANIM Brush-format. Keyboard version supports most characters in German, French, Spanish, & Scandinavian. Two sizes (113 & 133 pts.). Animated version covers letters A-Z in 113 pts. Initially each letter is blurred with a crude mosaic pattern. This pattern is rotated into position from the distance. The next sequence shows the crude pattern becoming increasingly redefined and the crisp definition of the letter appears. There are 40 frames per letter and comes standard in fancy gold-palette with 9 other palettes added. Two disks and a thorough 40-page user manual in English included. Requires minimum of 1.5 MB RAM. \$59.95

ArtoVinjett, Byalys v.65, S12174 Jhov, Sweden, 011-46-86497702

PageSync Module for

PageFlipper Plus F/X V. 2.0.

Allows external MIDI devices to drive animations in PageFlipper Plus F/X, and allows animations to drive MIDI devices. Also allows sound synchronization with AMIGA sound. \$99.95

Mindware International, 110 Dunlop W. Box 22158, Barrie, Ontario, Canada L4M 5R3, (705) 737-5998

Spheres 1

Clip art of 3-D lighted, shaded spheres texture wrapped with FractalPro 256-color HAM fractal image. Includes complete ANIM file of rotating fractal sphere and still images for use with HAM paint programs. \$10.00

MegageM, 1903 Adria, Santa Maria, CA 93454, (805) 349-1104

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Spheres2

Second disk of clip art of 3-D lighted, shaded spheres texture wrapped with FractalPro 256-color HAM fractal image. Includes complete ANIM file of rotating fractal sphere and still images for use with HAM paint programs. Includes utility programs for separating ANIM files into individual frames and combining ANIM files. \$10.00

MegageM, 1903 Adria, Santa Maria, CA 93454, (805) 349-1104

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Toolkit for The Director

This disk is packed with features and enhancements to expand the capability of The Director. New wipe routines, a palette selector, a pie chart generator, and more. The new and enhanced BLIT Utility has a powerful interface to help

create Wipe, Dissolve, and BLIT operations. It also automates the process of moving an object over a background, generating a complete working script. \$39.95

Right Answers Group, The, P. O. Box 3699, Torrance, CA 90510, (213) 325-1311

WHOOSH!

Three separate sets are offered in the WHOOSH! series. These are multicolored ANIMbrushes in hi-res 8 and 16 colors. All were designed with the Amiga artist and animator in mind, and all play quite well in the video environment. They also genlock well to the user's choice of backgrounds. \$24.95

EyeTulTower Comm. / EarfulTower Prod., 15 Rockydale, Bristol, VT 05443, (802) 453-4293

▼ ARTWORKS ▼

Digital Art Gallery - Erotic Art: Funtime

Volume 1 of original art by award-winning artist Michael E. Brown. Six images per volume with presentation program included. You must be 18 years or older to order. \$50 for three-volume set. \$19.95

Imaging That!, 2593 Seneca Tr., Box 956334, Duluth, GA 30136, (404) 446-9417

Digital Art Gallery - Erotic Art: Mind Puzzles

Volume 3 of original art by award-winning artist, Michael E. Brown. Six images per volume with presentation program included. You must be 18 years or older to order. \$50 for three-volume set. \$19.95

Imaging That!, 2593 Seneca Tr., Box 956334, Duluth, GA 30136, (404) 446-9417

Digital Art Gallery - Erotic Art: Tessellation

Volume 2 of original art by award-winning artist, Michael E. Brown. Six images per volume with presentation program. You must be 18 years or older to order. \$50 for three-volume set. \$19.95

Imaging That!, 2593 Seneca Tr., Box 956334, Duluth, GA 30136, (404) 446-9417

FractalShow 1

Self-running slide show of best images from FractalPro: Mandelbot Sets, Julia Sets, ray-traced texture mapped fractal art in 256-color HAM graphics mode. Great backgrounds or clip art for HAM paint programs. \$10.00

MegageM, 1903 Adria, Santa Maria, CA 93454, (805) 349-1104

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FractalShow 2

Second self-running slide show of best FractalPro HAM fractal art. Great backgrounds or clip art for HAM paint programs. \$10.00

MegageM, 1903 Adria, Santa Maria, CA 93454, (805) 349-1104

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◆ FractalShowPal

Slideshow disk of 256-color HAM fractal images created with FractalPro for PAL video systems. \$10.00

MegageM, 1903 Adria, Santa Maria, CA 93454, (805) 349-1104

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Midnight Graphics

Midnight Graphics is a collection of original IFF artwork, most suitable for video applications. \$29.95

Computer Support, P.O. Box 463, Salem, OR 97308, (503) 743-4449

Myra's World

Single HAM ANIM requiring 1Mb memory and completely filling disk, of beautiful woman on whose fingertip appears a fractal world which rotates and vanishes. \$10.00

MegageM, 1903 Adria, Santa Maria, CA 93454, (805) 349-1104

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Pro-Quality Clip Art

Multi-Screen Collection #1

IFF high-res format images. Symbols v1, cartoons v1, holidays v1, U.S. and world maps. 100% compatible with any IFF Paint, desktop publishing, or desktop video program. Five disks, 450+ screens, each containing 6-12 drawings. \$99.95
Hil Tech News, 86 Lanvale Avenue, Asheville, NC 28806, (704) 252-4933

Pro-Quality Clip Art

Multi-Screen Collection #2

IFF high-res format images. Symbols v2, Cartoons v2, Holidays v2, Sports v1, and Animals v1, 100% compatible with any IFF Paint, Desktop Publishing, or Desktop Video program. Five disks, 450+ screens, each containing 6-12 drawings. \$99.95
Hil Tech News, 86 Lanvale Avenue, Asheville, NC 28806, (704) 252-4933

Pro-Quality Clip Art

Multi-Screen PreHistoric Animals

Twenty-four IFF high-res screens, each containing 6-12 prehistoric creatures, 100% compatible with any IFF Paint, desktop publishing or desktop video program. \$19.95
Hil Tech News, 86 Lanvale Avenue, Asheville, NC 28806, (704) 252-4933

Pro-Quality Clip Art

Multi-screen Airplanes V1

Fifty-two IFF hi-res format screens, each containing 6-12 airplanes—from the early Fokker to the modern F14, with 100% compatibility with any IFF Paint, desktop publishing, or desktop video program. \$19.95
Hil Tech News, 86 Lanvale Avenue, Asheville, NC 28806, (704) 252-4933

◆ Space Visions

A collection of 246 IFF space flight, solar system and deep sky images. Full screen, hi-res, color and B & W (not overscan). Selections by Mike Smithwick, author of Distant Suns. Package of 25 disks made up of 11 sets. Available direct from Virtual Reality Labs only. May be purchased as complete package or individual sets. To be viewed with paint program—not Distant Suns. \$100.00
Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515

▼ CAD ▼

Aegis Draw 2000

A powerful two-dimensional CAD system. Create structured drawings, up to 256 layers of information. Unlimited zoom levels, auto-dimensioning, and the ability to edit any line at any time are just a few of the features that make this program the solution to most CAD application needs. \$279.95
Oxxi/Aegis, 1339 E. 28th Street, Long Beach, CA 90806, (213) 427-1227

Board Master

Board Master comes with a full autorouter from netlist and a substantial library of parts and physical styles. High density (two lines between pads) routing is supported, and all boards are design rule checked. Manual routing is also supported, as are trace size changes and host of other PCB features. Netlists are ASCII text and completely human-readable and editable. Comprehensive manual, non-copy protected, reliable, and bug free. Board Master is extremely fast—full screen redraw of packed board occurs in under one second on a stock Amiga. ARexx compatible, requires Floppy of HD based, 68000 thru 68030, with 1.5 MB or more. \$99.95
Black Belt Systems, 398 Johnson Road, RR-1 Box 4272, Glasgow, MT 59230, (800) TK-AMIGA please see display ad back cover

DynaCADD

DynaCADD is a 2-D and true 3-D computer-aided design and drafting software solution that will turn your computer into a sophisticated and powerful CADD workstation. With electrical, mechanical architectural, or civil applications, DynaCADD provides a total design and drafting solution. DynaCADD revises, designs, and details drawing in 2-D and true 3-D, reads and writes the industry's standard file formats. DynaCADD offers an alternative solution to expensive, difficult-to-use CADD systems and brings mainframe CADD capabilities to the CADD Professional at a fraction of the cost. DynaCADD combines an extensive collection of features, uncommonly fast display speed, and seamless performance. DynaCADD's attention to ease of use drastically reduces the learning period normally associated with CADD packages. DynaCADD supports OS Version 1.3/2.0, NTSC, PAL/SECAM, ECS Graphic Modes, and Multitasking. DynaCADD package includes: 68000 and 68020/68030 Versions, 10 AGFA Compugraphic Fonts and four additional CAD Fonts, Vector Font/Hatching Editor—14 predefined hatching patterns included, background plotting. \$995.00
Ditek International, 2651 John St., Markham, Ontario, Canada L3R 2W5, (416) 479-1990

IntroCAD

User-friendly, object-oriented CAD program. Delivers laser-like output on dot matrix printers. \$49.95
Progressive Peripherals & Software, 464 Kalamath St., Denver, CO 80204, (303) 825-4144

IntroCAD Plus

Like IntroCAD, but more powerful. Adds layers, hatching, ARexx support and more drawing tools. Also has user-definable keyboard equivalents. \$99.95
Progressive Peripherals & Software, 464 Kalamath St., Denver, CO 80204, (303) 825-4144

PRO-NET

Schematic capture package. Many features available. \$475.00
Prolific, Inc., 1808 W. Southgate Ave., Fullerton, CA 92633, (714) 447-8792

◆ Pro-Board

Professional PCB (Printed Circuit Board) layout package. Many features available. Working in conjunction with Pro-Net, they provide a complete solution from schematic to PCB that is cost effective, powerful, and extremely easy to use. Some features are not available even in packages costing much more. \$299.00
Prolific, Inc., 1808 W. Southgate Ave., Fullerton, CA 92633, (714) 447-8792

◆ Pro-Board Personal

Entry level PCB (Printed Circuit Board) layout package of Pro series. Many features are available. It is an intelligent single line auto-router with high density capability. \$145.00
Prolific, Inc., 1808 W. Southgate Ave., Fullerton, CA 92633, (714) 447-8792

◆ Pro-Net Personal

Entry level schematic capture package of the Pro series. Many features are available for producing professional grade schematics. It can also be used to produce flow charts, timing diagrams, block diagrams and organization charts. \$145.00
Prolific, Inc., 1808 W. Southgate Ave., Fullerton, CA 92633, (714) 447-8792

SpeakerSim V2.1

Package for designing and optimizing loudspeaker systems. Design new systems or optimize existing ones. Analyzes speakers and enclosures via the Thiele-Small model. Features a variety of graphing modes, user-updatable data files, configuration files, full color control 640X200 or 640X400 screen resolution. Designs 1st, 2nd, and 3rd order high- and low-pass filters. Print to

any Workbench printer HPGL plotter, or PostScript printer, AmigaDOS compatible, ARexx capable; save graphs in IFF format, and more. Requires 512K. \$112.00
dissidents, 730 Dawes Ave., Utica, NY 13502, (315) 797-0343

UltraDesign

Professional CAD system: Auto-Dimensioning, endless layers, full library support, user-definable keyboard commands, and menus. Paste-up module for plotting and scaling single or multiple drawings for output over one or several pages. Easy to use! \$199.95
Progressive Peripherals & Software, 464 Kalamath St., Denver, CO 80204, (303) 825-4144

X-CAD Designer by CADVISION

X-CAD Designer is a full-featured, professional, two-dimensional design, and drafting tool. Easy to use and learn, pull down menus, and a comprehensive tutorial to guide the novice through the early stages of learning, while advanced users may configure the system to suit their own needs. \$149.95
American Software Distributors, 502 E. Anthony Dr., Urbana, IL 61801, (217) 384-2050

▼ CAD/PARTS ▼

CAD Parts

Listing of over 150 electronic parts used for designing circuits. Can be used with IntroCAD and Aegis Draw. \$24.95
East/West Software, 73 Lorna Lane, Suffern, NY 10901

Floor Plan Library CAD/CAM

This library is a two-disk set consisting of over 220 room parts and 32 bath and kitchen room modules for use with Aegis 2D CAD program, Aegis Modeler 3D, and Gold Disk Pro Page programs. \$89.95
Madrigal Residential Designs, P. O. Box 2292, Santa Rosa, CA 95405, (707) 539-5675

Framing & Foundation Library

A set of 45 drawings showing different foundation and framing conditions for wood construction. This two-disk set also contains over 120 parts for use in the creation and modification of construction details, for use with Aegis 2D CAD format programs as well as Aegis 3D and Gold Disk Pro Page programs. \$89.95
Madrigal Residential Designs, P. O. Box 2292, Santa Rosa, CA 95405, (707) 539-5675

Interior Design CAD/CAM

A set of furniture parts for use with Aegis 2D CAD format programs. Contains over 275 different furniture pieces for use in interior design, concept development, and presentations. Designed to be used with or without the Floor Plan Library. \$89.95
Madrigal Residential Designs, P. O. Box 2292, Santa Rosa, CA 95405, (707) 539-5675

▼ CAD/UTILITIES ▼

◆ SLA File Conversion

This service converts Amiga or Macintosh generated surface modeling files to the SLA file format needed to make a plastic part by stereolithography. Any modeling software that can generate a scene or object file that can be input to the Amiga version of Sculpt3D/4D can be your tool. Your data file is converted to the format and media for the stereolithography vendor. Price depends on file size.
DFW Prototypes, 1920 Briarcrest Lane, Arlington, TX 76012, (817) 275-2044

PlotPrint

Transforms vector-oriented pen-plot data files created by CAD/scientific/spreadsheet programs into high-resolution bitmaps that allow any

Graphic Arts
Desktop Video
Word Processing
Desktop Publishing
Music
Education
Business & Home Productivity
Programming
Utilities
Entertainment
Miscellaneous Software
Drives
Memory Expansion
Accelerators
Video Hardware
Miscellaneous Hardware
Accessories & Services
Books & Tapes
CDTV
PDS Guide
AMICUS Index
Fred Fish Index
Vendor/Product Registration
AC Back Issue Index
User's Groups
Vendor Information
Product Index by Product
Product Index by Vendor
Category Index
Last Minute Additions

graphics printer to be used instead of an expensive pen plotter. Features include full HPGL interpreter that translates all HPGL commands. Compatible with all printers; works in all resolutions; any size printout; handles any drive configuration; Intuition; 50-page manual; interactive or batch modes. Prints B size drawings (11 x 17) directly with wide printer or in two panels with narrow printer. \$50.00
Hi Tech Graphics, P. O. Box 446, Tallmadge, OH 44278, (216) 633-7966

PlotPrint Version 2
 68020/68881 version of PlotPrint \$100.00
Hi Tech Graphics, P. O. Box 446, Tallmadge, OH 44278, (216) 633-7966

The ACAD Translator 2.0
 The ACAD Translator provides the Amiga user with a much needed link with the professional CAD market. Translate sophisticated DXF files to Sculpt-Animate or TurboSilver format to produce stunning color image renderings and animations. Also use Amiga translation programs to convert this data into formats for use in Videospace, or other 3-D rendering programs. The ACAD Translator is fully multitasking and is executable from Workbench or CLI and will convert all AutoCAD Rev. 10 and Rev. 9 and compatible files including all 3-D options. Supports PAL. \$179.95
Access Technologies, Inc., P.O. Box 202197, Austin, TX 78720, (512) 343-9564

XFonts/FUTEX
 XFonts are vector fonts designed for use with XCAD. FUTEX is an outline vector font that copies the proportions and style of the FUTURA MEDIUM typeface. FUTEX can be used in XCAD at any size, angle, line, and character spacing and can be italicized. In addition, FUTEX can be filled with color or bitmap patterns. Using XCAD utilities it can be imported into Professional Page or PageStream. Font includes uppercase, lowercase, numerals, and punctuation. \$39.00
GrafX Computing, 6680 Wiltsie Road, Panama, NY 14767, (716) 782-2468

XPlanner
 XPlanner is a menu extension for XShell for use by architects, interior designers, and facility managers. It consists of a specialized graphic menu for XCAD that is used for partition and wall layout, door insertion, plumbing fixture layout, reflected ceiling planning, and ceiling fixture placement. The disk includes libraries with residential plumbing fixtures, doors, and ceiling fixtures. \$49.00
GrafX Computing, 6680 Wiltsie Road, Panama, NY 14767, (716) 782-2468

XPorter
 Xporter is a translation program written in a AREXX. Introduced in October 1989, it may be the first commercial AREXX product released. Xporter translates DXF Revision 10 AutoCAD files to AegisDraw format. The resultant files can be imported to AegisDraw 2000, PageStream, or Professional Page. Also included on the disk is a program module to convert XCAD journal verification files (ASCII format) to DXF Revision 10 AutoCAD files. \$69.00
GrafX Computing, 6680 Wiltsie Road, Panama, NY 14767, (716) 782-2468

XShell
 XShell is not a program, but, as its name implies, a shell, which consists of two disks and the manual. One purpose of a software shell is to surround a target program and replace its user interface with another, more easily used, presentation. The target program of XShell is XCAD and Taurus/Impex XCAD. XShell replaces XCAD's laborious text menus with faster, easier to use graphic menus. XShell's friendly user interface access virtually all of XCAD's features through colorful

icons. The simple and direct 130-page XShell manual replaces the difficult XCAD manual. The XShell disks also contain all the startup-sequence, Workbench, and AmigaDOS files necessary for booting and operating the Amiga. \$199.00
GrafX Computing, 6680 Wiltsie Road, Panama, NY 14767, (716) 782-2468

▼ GEOGRAPHICAL EXPLORATION ▼

◆ **Scan-Ahead Navigator**
 Scan-Ahead Navigator is a breakthrough in navigation technology! Avoidance routines enable your Amiga to detect hazards on color-contoured electronic charts, then order evasive action. Marine-specific LAN hardware unit connects your computer with loran or other devices for accurate geographic positioning. Digitized NOAA charts are loaded with information on depths, obstructions, buoys and more. You add favorite fishing holes as you safely cruise to distant shores. Demo disk, \$5.00. Requires 1MB RAM, two floppies or floppy and H.D. \$750.00
Phoenix Engineering Systems, 4240 Lakeshore Rd., Deckerville, MI 48427, (313) 376-4843

◆ **Scenery Animator**
 With Scenery Animator you can easily create photorealistic animations or single frames of real world and fractal terrain with water, snow, and vegetation. Detailed 30 meter USGS data for the High Sierras, Lake Tahoe, Yosemite, and the Grand Canyon are included, and many more are planned. Supports 4D camera positioning, direction, and zooming. Has a built-in keyframe animation interface that allows straight and curved camera flight paths and automatic tweening. Produces ANIM5, IFF, and 24-bit IFF files for use with frame buffers. AmigaDOS 2.0 compatible. \$99.95
Natural Graphics, 4603 Slate Ct., Rocklin, CA 95677, (916) 624-1436

▼ GRAPHICS DISPLAY CARD ▼

FIRECRACKER 24
 The FIRECRACKER 24 takes up the normal Zorro slots in the A2000 or A3000; it does not take up the video slot. Certain types of genlocks that work in the video slot of the Amiga may conflict with the use of the FIRECRACKER 24. Please consult your dealer or Impulse if you have any questions regarding internal genlocks. Due to the cost of buying all the different genlocks on the market today, Impulse can not guarantee operation with any genlock. Impulse has tested the FIRECRACKER 24 with various models; for further information regarding genlock use please call Impulse and ask for tech support. FIRECRACKER 24 1MB \$1000.00/ 2MB \$1500.00.
Impulse, Inc., 6870 Shingle Creek Parkway #112, Minneapolis, MN 55430, (612) 566-0221
please see display ad inside back cover

▼ PAINT ▼

Aegis Express Paint 3.0
 Full-function paint program. Virtual pages, unlimited undo's, and 3-D perspective; rotating, distorting, stretching, and mirroring. Excels in text handling and printing; is the only paint program that provides text fill into and around irregular shaped objects. Control font styles, sizes, justification, margins, and line spacing to and from text. Supports PostScript, colored banners, and poster-sized output. Color cycling, 3-D anti-aliasing tools, gradient fills, and more. Aegis Express Clip Art #1 is available for use with Express Paint for \$29.95. \$139.95
Oxxi/Aegis, 1339 E. 28th Street, Long Beach, CA 90806, (213) 427-1227

Aegis SpectraColor
 Brush ANIMs finally come to HAM! Now; use all of the animation capabilities offered by SpectraColor to produce stunning 4096 color movies. Wrap images around spheres, cubes, even on a contour to provide remarkable graphic effects. Designed by the authors of PhotonPaint, SpectraColor is destined to become the new Amiga HAM standard! Workbench 2.0 compatible. \$99.95
Oxxi/Aegis, 1339 E. 28th Street, Long Beach, CA 90806, (213) 427-1227

Aegis Spritz
 Entry level paint program that boots up in less than five seconds. Features include multiple active brushes, load an entire cut drawer at once, unlimited undos, works in all resolutions, grab any screen from within the program, supports Smart-Link interprogram communications system, and works with Express Paint and Icon Magic. Supports up to 64 colors and page size only limited by chip RAM. Comes with entire award-making kit to be used with the program's unique Power Borders feature which lets you make any cut or brush into a dazzling border or frame automatically. Borders can be larger than the screen. \$79.95
Oxxi/Aegis, 1339 E. 28th Street, Long Beach, CA 90806, (213) 427-1227

ChromaPaint
 Supports half-bright modes NTSC, PAL and any number of fonts. Use as many screens as memory allows. Features include zoom, brush, color cycling, printing, clip board, and animation generation features. \$49.95
Designing Minds, Inc., 3006 N. Main Street, Logan, UT 84321, (801) 752-2501

◆ **DCTV**
 DCTV is a revolutionary new video display and digitizing system. DCTV creates a full color NTSC display with all the color and resolution of television. Captures a video frame in 10 seconds from any color video camera. Displays and captures full color 24-bit high resolution images. DCTV Paint (included) is the most powerful paint package to ever grace the Amiga. Convert DCTV images to or from any IFF display format (including HAM and 24-bit). Works with all popular 3D programs. Animate in full NTSC color. \$495.00
Digital Creations, 2865 Sunrise Boulevard, Ste. 103, Rancho Cordova, CA 95742, (916) 344-4825

DeluxePaint II
 Paint program with over 90 features, including stencil, fill, 2-D and 3-D perspective, anti-aliasing, 32 color palette, and shadows. \$69.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

DeluxePaint III with Animation
 First in a new class of software that integrates paint with animation. Program actually paints animation by allowing users to AniPaint™ a series of screens the way they would paint a single screen. Also allows user to paint and create with multi-frame Animated Brushes to create animations like birds in flight. Integrates animation with its perspective capability in a feature called Move, which allows user to define a brush, the distance for it to travel, a rotation, and the number of frames for it to move across. Other features include extra-halfbrite support, wrap mode, tint mode, direct overscan, and much more. \$149.00
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

DeluxePhotoLab
 A new paint and print program that combines three powerful graphics tools in one package. Integrates the features of a paint program, color processor and poster maker, providing serious artists with colors, larger canvases, greater graphic flexibility, and palette manipulation utilities. A companion to DeluxePaint II, it gives users the power to create and manipulate photographic-

quality images with eight different levels of resolution, using any of the Amiga's graphics modes—including the 4,096-color HAM mode. Alter the images with 18 different painting modes such as Average, Blend, Add, and Subtract which provide subtle mixing of colors and images. \$149.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Diamond

Paint program supports all color modes. All modes support picture sizes up to 1024 x 1024 pixels, including overscan in all modes. Supports IFF brush and picture formats as well as RGBN support for Silver. Includes full complement of brushes and effects. \$79.95

Impulse, Inc., 6870 Shingle Creek Parkway #112, Minneapolis, MN 55430, (612) 566-0221

please see display ad inside back cover

Digi-Paint

Fully utilizes the Amiga's graphic capabilities. Special features include shading, tinting, blending, and complete drawing tools. Closest thing to paint and brush on the market. \$59.95

NewTek, 215 E. 8th St., Topeka, KS 66603, (913) 354-1146

Digi-Paint 3

So much more powerful than Digi-Paint, we skipped a number. New features include full Amiga font support with anti-aliasing of text, an extended set of drawing tools with resizeable built-in brushes, and user-controllable 3-D texture mapping. New display features include support for autoscrolling bitmaps up to 1024 by 1000 pixels, user-definable overscan, and changing screen resolutions on the fly. Digi-Paint 3 has been written in 100% Assembly code for the fastest time of any HAM paint program and also features a complete set of keyboard shortcuts for experienced users. Digi-Paint 3 now includes image-processing software available only to Digi-View owners, including the ability to transfer images between resolution modes and display up to 768 x 480 using NewTek's exclusive dithering algorithms for the highest color and picture resolution. \$99.95

NewTek, 215 E. 8th St., Topeka, KS 66603, (913) 354-1146

◆ HAM-E Workshop

The first and best paint program for the HAM-E. Paints in HAM-E register mode, providing 256 colors out of 16.8 million. Powerful features include a 10-brush library, anti-aliasing, true polygons (3-22 sides), rays, four point curves, brush masking, color replacing, rub thru, pattern draw, and automatic shadows. Supports page animation and a new technique, Cell animation. Cell animation provides movepaths, unlimited frames, and time synchronization. Page animation synchronizes and times 10-brushes with rotation, movement, acceleration, and fading. Imports and converts standard Amiga pictures and animations. Other features include gradient fill, wrap-ping, 3-D perspective and more. \$50.00

Holosoftware Technologies, 701 Paul Street, Escondido, CA 92027, (619) 743-0089

◆ Macro Paint

Macro Paint is the first 4096 color hi-resolution paint program for any Amiga. Macro Paint loads and modifies dynamic hi-res pictures as well as 24-bit pictures. Macro Paint is ARexx compatible and can give or receive an ARexx command. Macro Paint requires 1MB of RAM, but for full-featured use we recommend 3MB of RAM. Macro Paint is a multi-tasking program and is 2.0 compatible. \$139.95

Lake Forest Logic, Inc., 28101 Ballard Road, Unit E, Lake Forest, IL 60045, (708) 816-6666

Mega Paint

A 24-bit paint program. Features multi-directional gradient fills with variable dithering, 16.7 million levels of transparency, blending, smoothing, and colorizing. These modes along with an array of drawing tools make creating in 16.7 million color easy. It has the ability to import and export several file formats. With direct control of the Mimetics FrameBuffer, from Mega Paint, you can capture images from video, edit, and re-display them in broadcast quality NTSC.

PSEUDO VISION Computer Graphics, 9319 E. Main, Spokane, WA 99206, (509) 926-6623

Photon Paint 2.0

New features include multiple swap pages that can be run by special animation function, alternative drawing sources: rub through, Pantograph, and brush-patterns; ColorFont support; Cycle Draw. New drawing modes include: And, Or, Xor, Add, Subtract, Maximum, Minimum, Use H, and Use H&S. New tools include air brush with definable spray area, fill polygon tool, and polygonal brush cutter. \$149.00

Microillusions, P.O. Box 3475, Granada Hills, CA 91394, (818) 785-7345

▼ PAINT CLIP ART ▼

Art Parts Volume 1

Over 175 color images for use with DeluxePaint™, DeluxeVideo™, and DeluxePrint™ productions. Maps, faces, graphs, birds, Africa, dinosaurs, and more. \$29.95

Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Art Parts, Vol. 2

Buildings, people, animals, plants, and vehicles with over 100 brushes. \$29.95

Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Artistic Expressions

Quality, affordable clip art. Volume 1 includes holidays, cowboys, business, and old English monograms. Volume 2 includes home, teddies, music, flowers, and elegant monograms. Over 150 borders and graphics on each disk, gray scale shading, all in high resolution and example files on each disk. \$49.95

PCM Industries, 2100 North Highway 360, Suite 2101, Grand Prairie, TX 75050-1015, (214) 660-4780

Build'Em™

Figure construction set of faces, arms, legs, hands, to help artists and non-artists draw realistic figures better and faster. Over 500 drawings on 25 screens done by professional figure artist. Requires paint program with invisible background and free cut rotation. \$23.50

Picture Box, The, 8824 David Ave., St. John, MO 63114, (314) 427-1869

Clip Art 1-8

Over 100 hi-res images on most disks, ranging from computer products to food, from zoos to the Old West. Special disks: #6-full screen computer images ideal for advertising purposes. #8-Christmas graphics, ten screens full of detailed, beautifully drawn seasonal images. All picture files are in standard IFF format for the Amiga. \$19.95

Magnetic Images Co., P.O. Box 17422, Phoenix, AZ 85011, (602) 435-2006

Deluxe Maps Vol. I

Create better reports and presentations with these IFF format U.S. regional and state map outlines. \$24.95

Computer Arts, P.O. Box 529, Opp, AL 36467, (205) 493-6312

Floor Plan Library

A set of floor plan parts and bath, kitchen, room modules saved as IFF screens for use with paint, desktop publishing, and presentation programs. \$59.95

Madrigal Residential Designs, P. O. Box 2292, Santa Rosa, CA 95405, (707) 539-5675

Flowers

These sets are composed of digitized flowers and flower object paintings, and all are formatted to be importable with any program that can utilize Video-Res HAM brushes. The colors are blazing, and the clarity is sharp. FLOWERS #1, two disks priced at \$24.95: About two-thirds of these brushes are original digitized still-video camera objects, while the remainder are carefully designed and unique HAM art brushes. Use them in any environment where flower art is desired. FLOWERS #2, four disks priced at \$34.95: These flower brushes in Video-Res HAM cannot be surpassed anywhere on any system. They wrap around shapes in astounding clarity and brilliance, and offer thousands of possibilities for complementing Amiga visual artwork. They are all original digitizations of real-world natural forms, and are not merely flat surfaces digitized from magazines. *EyeFull Tower Comm. / Earful Tower Prod., 15 Rockydale, Bristol, VT 05443, (802) 453-4293*

Interior Design

A set of furniture parts for use with paint, desktop publishing, and presentation programs. Sixteen screens of furniture images and over 100 brushes. Useful for interior design and concept development. For use with paint and desktop publishing programs. \$59.95

Madrigal Residential Designs, P. O. Box 2292, Santa Rosa, CA 95405, (707) 539-5675

Madrigal Automobile Construction Set, General Collection

Interactive clip art design system for use with paint programs, contains four disks of scaled IFF screens of automobiles from the U.S., Europe, and Asia. This collection contains sedans, sports cars, coupes, wagons, hatchbacks, pickup trucks, long haul trucks, and vans. All are shown in sideview and cross-section displaying engines, transmissions, seats, driver passenger arrangements, and tires. Many of the screens contain front and rear views. The system is designed to give the user the power and flexibility to easily examine design options and manipulate ready-made automotive design components on screen, modifying existing automobile designs, or creating new ones. Also provided on disk is a general history of automobile design and individual specification sheets. \$49.95

Madrigal Residential Designs, P. O. Box 2292, Santa Rosa, CA 95405, (707) 539-5675

Madrigal Automobile Construction Set, Sports Cars

Interactive clip art design system for use with paint programs. This collection is compatible with other Madrigal Automobile Construction Sets. It contains IFF screen of sports cars from the U.S., Europe, and Asia made by Chevy, Honda, Jaguar, Lamborghini, Lotus, Mazda, Mercedes, Nissan, Porsche, and Triumph. All are shown in sideview and cross-section displaying engines, transmissions, seats, driver passenger arrangements, and tires. Many of the screens contain front and rear views. The system is designed to give the user the power and flexibility to easily examine design options and manipulate ready-made automotive design components on screen, modifying existing automobile designs, or creating new ones. Also provided on disk is a general history of sports car design and individual specification sheets. \$39.95

Madrigal Residential Designs, P. O. Box 2292, Santa Rosa, CA 95405, (707) 539-5675

Graphic Arts
Desktop Video
Word Processing
Desktop Publishing
Music
Education
Business & Home Productivity
Programming
Utilities
Entertainment
Miscellaneous Software
Drives
Memory Expansion
Accelerators
Video Hardware
Miscellaneous Hardware
Accessories & Services
Books & Tapes
CDTV
PDS Guide
AMICUS Index
Fred Fish Index
Vendor/Product Registration
AC Back Issue Index
User's Groups
Vendor Information
Product Index by Product
Product Index by Vendor
Category Index
Last Minute Additions

Media Line Clipart Disk I

A broad selection of high quality clip art. Able to import IFF graphics. Holidays, Sports, Computers, and Scenery are among the various themes included. Also includes a show utility. Can be used in all paint programs for resizing and modification. \$34.95

Free Spirit Software, Inc., P. O. Box 128, 58 Noble St., Kutztown, PA 19530, (215) 683-5609

OLD TIME CARS

This disk is full of IFF-HAM pictures of U.S. collector cars from 1915 to 1964 and comes with an automatic player. DIGITALARTS/257 \$20.00 Hilson Digital USA, for, DigitalPub/257 & Digital Arts/257, 900 Mansell Road, #12, Roswell, GA 30076, (404) 998-7776

Old Time Cars 1915 to 1964

Collectors Collection

This disk is full of IFF-HAM pictures in 4,096 colors of U.S. collector cars including the Maxwell, Packard, and Mustang. Like all of our disks, it comes with an automatic player program for easy viewing. All pictures can be loaded into your HAM paint program for hours of creative fun; or you can use them with your laser, color, or DMP printer. \$20.00

Hilson Digital USA, for, DigitalPub/257 & Digital Arts/257, 900 Mansell Road, #12, Roswell, GA 30076, (404) 998-7776

Oriental Desk Top Art Vol.1—Vol.4

Oriental Desk Top Art are clip art files which can be used in desktop publishing applications on the Amiga Computer. The clip art files are black and white, high resolution (640 x 400) images, in IFF format. Oriental Desk Top consists of four volumes. Vol. 1 consists of 60 general oriental art work. Vol. 2 consists of 84 oriental martial art figures. Vol. 3 consists of 84 oriental folk art work. Vol. 4 consists of 140 commonly used Chinese characters. \$29.95 per volume.

Software Integration Solutions, 11027 Twin Pond Terrace, San Diego, CA 92128, (619) 748-3350

PIC-MAGIC

A 10-disk set of over 250 images. Manual explains suggested use of images as well as the psychology behind many of them. Some images draw the eye to a particular spot on a page while others convey a certain mood. Images can be resized using DPaint III or a comparable program. PIC-MAGIC is an unlimited resource library for computer enthusiasts, desktop publishers, and animators. IFF format, most over 1000 by 1000 pixels. The full set now includes a bonus two disks for a total of 12, which include the entire 250+ images sized down for easier video use. Also available in Encapsulated PostScript format for Desktop Publishing. \$99.95 Joe's First Company, 208 Glenayr Road, Toronto, Ontario, Canada M5P 3C3, (800) 387-8967

PROPS

The PROPS disks were created to help the registered owners of Brett Casebolt's Scene Generator software in the construction of complete natural graphic scenarios. In addition, many users have found that these disks of images can also help in a host of design projects for both DTP and videographic use. PROPS #1, two disks for \$24.95: Animals, Trees, and Structures in Video-Res HAM. PROPS #2, two disks for \$24.95: Animals, Habitats, and Vehicles in Video-Res HAM. PROPS #3-'DIGITOWN', three disks of New England rural houses photographed with a digital-still camera, and sold for \$34.95: These images make it possible for the Amiga user to design many rural settings for DTP and video use, as well as for fun. PROPS #4-'FULL-O-BIRDS', three disks of beautiful full color HAM birds, priced at \$34.95 for the set: These images were scanned from non-copy-righted sources at 200 dpi, and then resized to fit the Amiga screen. The clarity is truly unbelievable, and is must for DTP and Video Amiga visual experimenters and professionals.

EyeJufTower Comm. / EarfulTower Prod., 15 Rockydale, Bristol, VT 05443, (802) 453-4293

Pro Fills

Professional-quality, full-color patterns and textures for use in desktop presentations, and video. Create complex backgrounds and surfaces instantly, adding a new dimension to your video titling and presentations. Pro Fills patterns and textures are IFF brush format and compatible with all IFF paint and titling programs that allow custom brushes in fill tools or tiling functions. High resolution and interlace resolution versions of the patterns are included. Also includes a large assortment of color palettes complete with color ranges defined for dropped shadows and highlights. The patterns and textures may be combined to make thousands of variations and are compatible with multicolor fonts. \$29.95 JEK Graphics, 12103 S Brookhurst Ste. E-125, Garden Grove, CA 92642-3065, (714) 530-7603

Seasons and Holidays

A whole year's supply of art for every occasion. More than 100 ready to use images for DeluxePaint™, DeluxeVideo™, and DeluxePrint™ productions. \$29.95 Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Secrets of an Artist

Secrets of an Artist is the work of a professional computer artist, C. William Henderson of Los Gatos, CA. On this disk he reveals many formulas and underlying concepts through 22 examples and 10 pages of text. Requires MathVision to run. \$49.00

Seven Seas Software, P. O. Box 1451, Port Townsend, WA 98368, (206) 385-1956

Story Book PLUS

Two formats (3 diskettes). Includes all 27 bitmap brush alphabets from StoryBook Capitals (over 700 brush files), PLUS, one diskette full of Professional Page-format clip art decoration alphabet background templates to which you can add PostScript capitals. Expanded Manual. \$59.95 CLASSIC CONCEPTS Futureware, P. O. Box 786, Bellingham, WA 98227-0786, (206) 733-8342

Storybook Capitals 3.0

Twenty-seven decorative bitmap alphabets especially designed to live up your desktop and WYSIWYG applications, newsletters, correspondence, posters, signs, and school worksheets. Large decorative capitals and calligraphy fonts ranging from 50 to 180 lines high, displayable in any resolution. They are easily inserted as brushes into paint, desktop and WYSIWYG programs. Requires only 512K RAM. \$44.95 CLASSIC CONCEPTS Futureware, P. O. Box 786, Bellingham, WA 98227-0786, (206) 733-8342

The Amiga Coloring Book: Borders

Over 50 borders in IFF format. These can be used with your own materials. \$34.95 Dragon Group, The, 148 Poca Fork Rd., Elkview, WV 25071, (304) 965-5517

The Amiga Coloring Book: Sampler

Assorted clip art in IFF format. Contains objects ranging from architectural tools to rockets, from birds to locomotives. \$34.95 Dragon Group, The, 148 Poca Fork Rd., Elkview, WV 25071, (304) 965-5517

The Amiga Coloring Book: World

Maps from around the world in IFF format. Can be used for teaching geography, since maps are outlined, and can be printed without names. A section of the U.S. can also be used for letterhead designs. \$34.95 Dragon Group, The, 148 Poca Fork Rd., Elkview, WV 25071, (304) 965-5517

The Fighter Planes of WW-II

Two-disk set full of IFF-HAM interlaced pictures in 4,096 colors of U.S., German, British, Russian, Japanese, and Italian fighter planes that were engaged in combat during World War-II, including the British 'Spitfire', Japan's 'Zero', and the U.S. built P-40 used by the 'Flying Tigers.' The

easy to read text files on these disks give you all of the technical data on each plane. You'll be able to use these pictures in your HAM paint programs and print them out on your color or DMP printer. \$35.00

Hilson Digital USA, for, DigitalPub/257 & Digital Arts/257, 900 Mansell Road, #12, Roswell, GA 30076, (404) 998-7776

War With Iraq, The Fighter Planes

Three-disk set full of IFF-HAM interlaced pictures in 4,096 colors of USA, Russian, Israeli, British, and French combat planes that are currently facing off in the Middle East. Here's where you'll find the Russian 'Fox-Bat,' along with the U.S. F-16, F/A-18, and F-117 'Stealth.' Some of the hottest high-tech hardware in the world today! You'll be able to use these pictures in your paint and desktop publishing programs because they have been converted into all graphic resolutions. Print them out on your laser, color, or DMP. \$35.00 Hilson Digital USA, for, DigitalPub/257 & Digital Arts/257, 900 Mansell Road, #12, Roswell, GA 30076, (404) 998-7776

▼ PAINT FONTS ▼

AlohaFonts Volume 1

Twenty fonts for use with graphics & desktop publishing. \$19.95 AlohaFonts, P.O. Box 1112, Rancho Cordova, CA 95741-1112, (916) 631-9633

AlohaFonts Volume 2

Forty-three fonts from 16 to 84 points for use with graphic, desktop publishing, and video production work. \$19.95 AlohaFonts, P.O. Box 1112, Rancho Cordova, CA 95741-1112, (916) 631-9633

AlohaFonts Volume 3

Forty-one fonts from 16 to 99 points for use with graphic, desktop publishing, and video production work. \$19.95 AlohaFonts, P.O. Box 1112, Rancho Cordova, CA 95741-1112, (916) 631-9633

CalligraFonts/Asha's

A limited edition of new unique fonts. Original art, each disk signed by artist Asha Develder! Sixteen colors with complementary monochrome fonts for illuminated prints, large initial caps, and exclusive design! Includes KidsBlox Colorfonts in 125 point and 80 point sizes. StainedGlass Colorfonts in sizes 101, 96, and 91 points. 1 MB required for use of the large color fonts. \$89.95 Interactive Softworks, 2521 S. Vista Way, Ste. 254, Carlsbad, CA 92008, (619) 434-5327

CalligraFonts/Lion's

Assorted 150 Amiga bit-mapped fonts in a four-disk set for desktop publishing, and video presentations. Includes 120 B&W fonts in sizes from seven to huge 160 points. There are 30 color fonts in sizes for video titling, posters, and DTP from 20 to 75 points. Recommended by John Foust. \$89.95 Interactive Softworks, 2521 S. Vista Way, Ste. 254, Carlsbad, CA 92008, (619) 434-5327

CalligraFonts/Novelty

Quickly create a novel look for your next project with this two-disk set of fonts in convenient sizes. Colorfonts include ICE, PENCIL, SKYLINE, SWISSCHEESE, JADE, and STARS & STRIPES. This two-disk set contains 14 Amiga diskfonts (sizes 32 to 84 points), plus 16 ColorFonts (sizes 43 to 84 points). \$69.95 Interactive Softworks, 2521 S. Vista Way, Ste. 254, Carlsbad, CA 92008, (619) 434-5327

Calligrapher 1.05

Font editor includes ColorFonts and FontMover. Edit size, position, shape, color, pattern, style, kerning and spacing, italic slant, and more. Graphics editor includes brushes, free-hand drawing, paint can, magnify, and more. FontMover copies, deletes, or previews fonts from another disk. Disk checking, font viewing in any resolution, and more. Upgrades to version 1.05 are \$29.95. \$129.95
Interactive Softworks, 2521 S. Vista Way, Ste. 254, Carlsbad, CA 92008, (619) 434-5327

KARA FONTS-AnimFonts 1™

ChromeScript is an eight-color, formal script in caps and lower case, and comes in both a Keyboarded and an AnimFont. Each letter appears to be handwritten across the screen. Additional palettes included along with utility programs to use ColorFonts. One disk \$49.95
Kara Computer Graphics, 2554 Lincoln Blvd. Suite 1010, Marina Del Rey, CA 90291, (213) 578-9177

KARA FONTS-AnimFonts 2™

Bullion is a dimensional, beveled, highlighted, uppercase, gothic eight-color font, and comes in both a Keyboarded and an AnimFont. The AnimFont rotates onto the screen 90 degrees on the Y axis to the left while a glint of light travels across the face. Also includes additional palettes and utility programs to use ColorFonts. One disk. \$49.95
Kara Computer Graphics, 2554 Lincoln Blvd. Suite 1010, Marina Del Rey, CA 90291, (213) 578-9177

KARA FONTS-AnimFonts 3™

Capsule is a hi-res eight color metallic, rounded gothic, uppercase contemporary font 'which sparkles on' from the middle revealing characters to the top and bottom. Then, a sparkles goes across each letter from the left to the right. A separate sparkle for custom effects is included. Comes in both keyboard and ANIMfont format with palettes of chrome, gold, metallic, and silver. One disk. \$49.95
Kara Computer Graphics, 2554 Lincoln Blvd. Suite 1010, Marina Del Rey, CA 90291, (213) 578-9177

KARA FONTS-HEADLINES

Three-disk set. Featuring 10 hi-res, dimensional, up to eight color, uppercase fonts in two sizes each (approx. 104 and 84 pts. high). Font styles in Chrome, Marble, Brick, and Granite are dragable for added 3-D effects. Other styles are Chisel, Wood, Bevel, Cast, Chiselserif, and Column. \$79.95
Kara Computer Graphics, 2554 Lincoln Blvd. Suite 1010, Marina Del Rey, CA 90291, (213) 578-9177

KARA FONTS-HEADLINES 2

Two disk set offers four, new, eight-color fonts in two-three sizes each. ChiselScript: Italic script in upper and lower case. Glass: Transparent uppercase gothic face. Engraved: Draggable, uppercase two-plane shiny font. Embossed: Raised or sunken letters on a surface. \$69.95
Kara Computer Graphics, 2554 Lincoln Blvd. Suite 1010, Marina Del Rey, CA 90291, (213) 578-9177

KARA FONTS-SUBHEADS

Two-disk set. A scaled-down version of Headlines, offers same unique ColorFonts in two smaller sizes (approx. 72 and 55 points.) New sizes allow a greater range of flexibility in titling without having to reduce and makes it possible to use in lower resolutions at a workable size. \$69.95
Kara Computer Graphics, 2554 Lincoln Blvd. Suite 1010, Marina Del Rey, CA 90291, (213) 578-9177

Master Fonts

A collection of fonts in standard Amiga format designed to be used with all graphics, video, word processing, and desktop publishing. \$29.95
T.S.R. Hutchinson, 110 W. Arrowdale, Houston, TX 77037, (713) 448-6143

Media Line Font Disk I

Contains nine different bitmap fonts for the Amiga. Designed for professional use in video presentation, graphics, animation, and desktop publishing. \$34.95
Free Spirit Software, Inc., P. O. Box 128, 58 Noble St., Kutztown, PA 19530, (215) 683-5609

Olo Fonts Collection 1

This is a collection of the normal, colorfont-versions of the Olo Animated Fonts 1, 2, and 3 (Marmor, Glider, and Gold). They are 8 color fonts intended for hi-res. Marmor is a marble-looking, massive and impressive font in caps. Gold is a gold-looking, clear and exclusive font in caps. All fonts support most characters in German, French, Spanish, and Scandinavian. Each font comes in two sizes ranging from 108 pts to 140 pts. This collection does not contain any of the animated versions of these fonts. All the corresponding palettes are naturally supplied. Marmor comes standard in Ivory-palette with different, suitable marble palettes added. Glider comes standard in sober green & brown-palette with 6 other palettes added. Gold comes standard in fancy gold-palette with 9 other palettes added. Two disks and a thorough 24-page user manual in English included. Requires 1MB minimum. \$59.95
ArtoVinjett, Byalov v.65, S12174 Jhov, Sweden, 011-46-86497702

Professional Font Library 4.1

For the serious Amiga artist and anyone who appreciates a quality multidisk general purpose font product. Over 60 typefaces, approx. 200 font files/styles from 7 to 88+ scanlines high with both monochrome and multicolor fonts (Gold, Chrome, Rivet, etc.). Suitable for paint programs, WYSIWYG word processing, video titling, and variety headlines. Includes icon interface, many utilities, and comprehensive 82 page manual plus 36 pages of sample printouts. 1MB RAM recommended. \$79.95
CLASSIC CONCEPTS Futureware, P. O. Box 786, Bellingham, WA 98227-0786, (206) 733-8342

Professional Font Upgrade

Adds microkerning, dithered fonts, large lower case letters to multicolor fonts, a Preview utility, and simpler directory format to versions 3.5 and lower of the Professional Font Library. Includes 5 diskettes and an expanded manual. Compatible with popular paint and video programs. Requires registration card and 1 MB. \$24.95
CLASSIC CONCEPTS Futureware, P. O. Box 786, Bellingham, WA 98227-0786, (206) 733-8342

Studio Fonts, Vol. I

Designed by professional commercial artist Marlin Green, these fonts are ideal for comps and quick presentations. Use in high resolution for demanding video titling and desktop. Includes 17 pre-colored pre-patterned ColorFonts plus 12 mono-color fonts, IFF brushes, and Calligrapher patterns. \$46.25
Interactive Softworks, 2521 S. Vista Way, Ste. 254, Carlsbad, CA 92008, (619) 434-5327

▼ PAINT TUTORIALS ▼

DeluxeHelp for Calligrapher

On-line interactive tutorial runs with Calligrapher. \$44.95
RGB Computer & Video, 3944 Florida Blvd. Ste. 4, Palm Beach Gardens, FL 33410, (407) 622-0138

DeluxeHelp for DeluxePaint

On-line interactive tutorial runs with DeluxePaint. \$34.95
RGB Computer & Video, 3944 Florida Blvd. Ste. 4, Palm Beach Gardens, FL 33410, (407) 622-0138

DeluxeHelp for DeluxePaint II

On-line, interactive tutorial runs with DPaint II. Select from 54 lessons with real-time demonstrations and speech. \$34.95
RGB Computer & Video, 3944 Florida Blvd. Ste. 4, Palm Beach Gardens, FL 33410, (407) 622-0138

DeluxeHelp for DeluxePaint III

A two-disk interactive tutorial packed with tips and demonstrations of the powerful and complex features of DeluxePaint III. Disk #1 explores the use of DPIII's painting tools, and various techniques used to produce quality static graphics. Disk #2 strikes out into the realm of animation. Learn a wide variety of techniques used by professional animators. DeluxeHelp for DeluxePaint III is a 'must have' product for anyone wanting to master DeluxePaint III. \$34.95
RGB Computer & Video, 3944 Florida Blvd. Ste. 4, Palm Beach Gardens, FL 33410, (407) 622-0138

DeluxeHelp for Digi-Paint

On-line, interactive tutorial runs with Digi-Paint. Select help lessons with real-time demonstrations and speech. \$34.95
RGB Computer & Video, 3944 Florida Blvd. Ste. 4, Palm Beach Gardens, FL 33410, (407) 622-0138

DeluxeHelp for Photon Paint

On-line interactive tutorial runs with Photon Paint. \$34.95
RGB Computer & Video, 3944 Florida Blvd. Ste. 4, Palm Beach Gardens, FL 33410, (407) 622-0138

DeluxeHelp's Advanced Techniques-

Textures & Backgrounds for Deluxe Paint III Takes the user through the complete process of creating organic textures and backgrounds that are used in real world television, advertising, and business presentation graphics applications. Utilizes the same fool-proof techniques as the popular DeluxeHelp series of on-line, interactive tutorial programs. Wood, marble, granite, gold, and smoke are a few textures demonstrated. In each of the 29 lessons, create a complete texture or background that can be used as components of still images. \$34.95
RGB Computer & Video, 3944 Florida Blvd. Ste. 4, Palm Beach Gardens, FL 33410, (407) 622-0138

◆ WJK.1-The Video Producers Learning Disk

Full instructions for beginning and intermediate Amiga-based video producers who wish to see, practice, and learn the most common videographics techniques. Over 40 points are covered, including outlining, resizing, shadowing, thickening, slanting, Texture and Pattern Fills—which teach you how to create patterned backgrounds (you get three), and an introduction to Ordered Dithering. The disk also includes Color Bars, a Grey Scale, and an FBI warning. This disk is used with the DeluxePaint program disk (not supplied). Everything is in hi-res, and is applicable to industrial video production. \$8.00
Kronemyer, WJ Associates, 280 East Glen Ave., Ridgewood, NJ 07450, (201) 445-1919

▼ PAINT UTILITIES ▼

Butcher

Graphics utility program. Includes edge detection, resolution changes, pixel counting, half-toning, bitplane slicing, sorting colors by pixel count or intensity, density slicing, and palette effects. Includes shape editor for defining mosaic patterns and textures. \$37.00
Eagle Tree Software, P. O. Box 164, Hopewell, VA 23860, (804) 452-0623

Focus Video

Focus Video provides a complete range of image processing capabilities. Features such as color control, filters, convolutions, contrast enhancement, and histograms which improve and enhance your images, bring out details, analyze, or transform. Focus Video is a tool for electronic publishing; Industrial quality control, astronomy, art, video effects production, and more. Its stand alone features include: edge extraction, spatial image filtering, median filtering, logical and arithmetic inter-image operations, intensity histograms, pseudo-3D display, fast zoom, linear contrast enhancement, time stamping and user-

Graphic Arts
Desktop Video
Word Processing
Desktop Publishing
Music
Education
Business & Home Productivity
Programming
Utilities
Entertainment
Miscellaneous Software
Drives
Memory Expansion
Accelerators
Video Hardware
Miscellaneous Hardware
Accessories & Services
Books & Tapes
CDTV
PDS Guide
AMICUS Index
Fred Fish Index
Vendor/Product Registration
AC Back Issue Index
User's Groups
Vendor Information
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Product Index by Vendor
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Last Minute Additions

definable text annotating, and on-screen distance measurement with calibration. The Focus Video can also read 400 line IFF images (16 or 32 color). With a LIVE! Continuous Video Framegrabber installed in your Amiga, Focus Video gives you instant image acquisition from any NTSC video source, complete with sequence recording/animated replay, time-lapse capture, color and contrast adjustment, and integration and averaging of successive frames. Focus Video makes it easy and affordable to move beyond the rigidity of silver crystals on film into the flexible world of digital video. \$159.00

A-Squared Distributions, Inc., 6114 LaSalle Ave., Oakland, CA 94611, (415) 339-0339

Ham It Up!

Ham It Up!, Allows you to display and print all 4096 Amiga colors via sixteen 256-color charts. No HAM paint program is required. Requires 1 MB RAM. \$39.95

Delta Graphics, 48 Dighton Street Ste. 2, Brighton, MA 02135, (617) 254-1506

◆ Image Review System—Tele-Digitizer, Tele-Radiology

The IRS line of TeleRadiology systems are custom, turn-key digitizing and image processing stations. They allow a hospital, clinic, or doctor to digitize medical films and send the patient images over telephone lines or through an ethernet cable to a receiving system. Comes complete with computer, monitor, digitizer and software. NTSC compatible.

National Diagnostic Imaging, P.O. Box 5501, Vienna, WV 26105, (304) 295-8922

ImageFinder

ImageFinder is a great utility for finding graphic files by looking at miniatures (called thumbnails) of the images in full color or in gray scale. Disk volumes and/or directories are scanned for ILBM or ANIM files to create an index file. Thumbnails stored in index files can be browsed directly or after being sorted. The drawer and file name of a selected image can be automatically entered in the file requester of an application. 512K required. \$65.00

Zardoz Software, 6114 La Salle Avenue Ste. 304, Oakland, CA 94116, (415) 339-6280

Imprint

Software interface which works with the Amiga and the Polaroid Palette Film Recorder to produce film output of any IFF image. Prints 320 x 200, 320 x 400, 640 x 200, and 640 x 400 images with HAM capability. Snapshot RAM resident utility creates instant film image of on-screen display. \$2,495.00 with Polaroid Palette system. \$495.00

American Liquid Light, Inc., 2341 W. 205th St. Ste. 116, Torrance, CA 90501, (213) 618-0274

PIXmate

Image Enhancement software system. Features space-age, image enhancement techniques developed for NASA. Performs over 3,000 special effects. \$69.95

Progressive Peripherals & Software, 464 Kalamath St., Denver, CO 80204, (303) 825-4144

Pro Fills

Professional-quality, full-color patterns, and textures for use in desktop presentations and video. Create complex backgrounds and surfaces instantly, adding a new dimension to your video titling and presentations. Pro Fills patterns and textures are IFF brush format and compatible with all IFF paint and titling programs that allow custom brushes in fill tools or tiling functions. High resolution and interlace resolution versions of the patterns are included. Also includes a large

assortment of color palettes complete with color ranges defined for dropped shadows and highlights. The patterns and textures may be combined to make thousands of variations and are compatible with multicolor fonts. \$29.95

JEK Graphics, 12103 S Brookhurst Ste. E-125, Garden Grove, CA 92642-3065, (714) 530-7603

◆ Scannery

Scannery is a software/hardware package that interfaces the HP Scanjet series of flatbed scanners. High quality images may be scanned in resolutions from 12 to 1500 dpi in black and white, four dither patterns, or in 16 or 256 grayscales. The images can be saved in a rich variety of formats for inclusion in any desktop publisher on most computers, or faxed out through the AEFax/modem. It features ease of use and installation. \$250.00

Concise Logic, 36 Tamarack Ave., Ste. 315, Danbury, CT 06811, (203) 746-6739

Scene Generator

Create realistic, natural looking scenery on your Amiga with Scene Generator. Easy to use menu interface gives you instant access to all of Scene Generator's powerful capabilities. Create everything from a desert to a snow covered mountain peak. Allows control of lightning, snow and water levels, optional clouds, and colors. A preview mode will display a scene in five seconds. Makes great backgrounds for painting or animation. \$49.95

Natural Graphics, 4603 Slate Ct., Rocklin, CA 95677, (916) 624-1436

THE COLOR KIT for Deluxe Paint

Legal color scales for film and video in hi-res = 132 colors in normal interlace = 488 colors in halfbright interlace = 720 colors—all at once on the screen and to be used. \$29.95

Philadelphia Video Lab, Inc., 338 Winding Way, Merion, PA 19066, (215) 664-4955 sero

▼ SCIENTIFIC / BUSINESS ▼ ENGINEERING

APLOT2D

A complete scientific and analysis two-dimensional color data plotting package. Incorporates many features including separate data and plotting format files, automatic graph scaling, menus to modify plot size and plot parameters, linear regression analysis, and curve and color options. Includes linear, log, etc., and plus many more. Version 1.1 \$79.95

AMIGA Tech, Amiga Science and Tech Users' Group, P.O. Box 201, Los Altos, CA 94023-0201

Aplot Library

Lattice C compatible library of graphics functions for the applications programmer. Supports Scientific/Engineering/Business charts and graphs. Includes routines for linear/logarithmic, Pie/bar, and polar charts. From simple to complex. \$49.95

Advanced Creations Incorporated, P.O. Box 31818, Dayton, OH 45431, (513) 427-5439

◆ Complex Hooks Disk

The Complex Hooks Disk adds complex and polar arithmetic to MathVision. Disk contains hooks and pictures generated using these hooks. $Z=Z3 + \sin(z)$ etc. Requires MathVision to run. \$49.00

Seven Seas Software, P. O. Box 1451, Port Townsend, WA 98368, (206) 385-1956

ConvertAplot

Printing/Plotting utility which compliments the Aplot library and Engineer's Toolbox applications. Additionally, can be used stand alone for printing/plotting capabilities with Aegis Draw and Professional Page, Etc. Support HP-GL, Postscript, PCL, Etc. \$34.95

Advanced Creations Incorporated, P.O. Box 31818, Dayton, OH 45431, (513) 427-5439

DynaCADD

DynaCADD is a 2-D and True 3-D computer-aided design and drafting software solution that will turn your computer into a sophisticated and powerful CADD workstation. With electrical, mechanical architectural, or civil applications, DynaCADD provides a total design and drafting solution. DynaCADD revises, designs, and details drawing in 2-D and true 3-D, reads and writes the industry's standard file formats. DynaCADD offers an alternative solution to expensive, difficult-to-use CADD systems and brings mainframe CADD capabilities to the CADD Professional at a fraction of the cost. DynaCADD combines an extensive collection of features, uncommonly fast display speed, and seamless performance. DynaCADD's attention to ease of use drastically reduces the learning period normally associated with CADD packages. DynaCADD supports OS Version 1.3/2.0, NTSC, PAL/SECAM, ECS Graphic Modes, and Multitasking. DynaCADD package includes: 68000 and 68020/68030 Versions, 10 AGFA Compugraphic Fonts and four additional CAD Fonts, Vector Font/Hatching Editor—14 predefined hatching patterns included, background plotting. \$995.00

Ditek International, 2651 John St., Markham, Ontario, Canada L3R 2W5, (416) 479-1990

GenAplot

High level plotting tools for creating scientific, engineering, and business charts and graphs from user data. Pull down menu/requester interface. Wide variety of file formats, 16 colors in high resolution, multiple output devices, and standard graph formats. \$79.95

Advanced Creations Incorporated, P.O. Box 31818, Dayton, OH 45431, (513) 427-5439

Mandelbrot Variations

Mandelbrot Variations contains 23 commented formulas for Doug's Math Aquarium, and 19 of them include pictures. Covers most of the profound ways of viewing the Mandelbrot set, including binary expansion technique, continuous potential methods, differential angles, differential radius techniques, and others. Requires MathVision to run. \$49.00

Seven Seas Software, P. O. Box 1451, Port Townsend, WA 98368, (206) 385-1956

Snip

Object-oriented data acquisition/signal display and analysis program. Display up to 20 channels on screen. Zoom points into hi-res (2 point min.) windows. Custom interface. Has 12-bit/ kHz/16-channel acquisition using ACDA Proto-40K or ASDG Twin-X with SBX-311. Demo on FF197. \$1000.00

Digital Dynamics, 739 Navy Street, Santa Monica, CA 90405, (213) 396-9771

The Engineer's Toolbox—Volume 1, Graphic Tools

Volume 1, Graphing tool of the Engineer's Toolbox is a bundled software package composed of the The Aplot Library, ConvertAplot, and GenAplot. See other Engineer's Toolbox's. \$99.95

Advanced Creations Incorporated, P.O. Box 31818, Dayton, OH 45431, (513) 427-5439

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Desktop Video

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◆ AlterImage Video F/X

A new desktop video program that lets users give a professional touch to their videos by adding titles, graphics, and special effects. With a simple hardware configuration consisting of a video source such as a camcorder, plus a VCR, and a genlock video interface, AlterImage Video F/X provides users with all the software tools to transform the Amiga computer into a complete desktop video workstation right at home. The user can choose from a variety of title fonts and colors, plus a complete library of video clip art graphics specially designed for superimposing over video images. Rules, borders, frames, and panels are also easy to create in a full spectrum of colors for added visual excitement. Using the video effects menu, titles can be made to zoom, scroll vertically, or crawl horizontally across the screen. Screen 'wipes' can also be added between scenes to create dramatic transitions. AlterImage F/X is provided on three 3.5-inch diskettes—one containing the program itself, one containing the font library, and one containing the video clip art library. \$199.95

Disc Company, The, 11022 Santa Monica Blvd., Ste. 440, Los Angeles, CA 90025, (213) 478-6767

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Reverse & inverse imaging
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An easy-to-use interface!

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Circle 165 on Reader Service card.

Animation: Titler

Professional real-time titler and character generator, including hi-res, overscan, true scrolling direction, and looped playback. \$79.95
Hash Enterprises, 2800 E. Evergreen Blvd., Vancouver, WA 98661, (206) 693-7443

◆ Broadcast Titler 2.0

InnoVision Technology introduces a major upgrade to its professional character generator. Broadcast Titler 2 has a new convenient keyboard/mouse driven interface, additional line and page transitions, and more on-line storage for standard Amiga and color fonts. Edit up to 600 pages of text and graphics. Display 16 colors per line of text, rather than Amiga's limit of 16 colors per high-resolution overscan page. Page and line transitions include ROLL, CRAWL, FLIPS, WIPE, SPIRALS, etc. Broadcast Titler 2 suits a wide range of professional video applications. Requires at least 512K chip RAM and 1MB fast RAM. \$389.95

InnoVision Technology, 1933 Davis St. Ste. 238, San Leandro, CA 94577, (415) 638-8432

Credit Text Scroller v2.0

Using a simple point-and-click interface, the user can select fonts, font sizes, and scroll rates. Creation of a credit screen of information display now simply involves using your favorite text editor word processor to generate the information to be displayed, then by using the Credit Text Scroller, it will automatically create the desired display. The final result is in the common ANIM format, for easy interchange with programs such as DPaint which support this format. The smooth scrolling result can be genlocked over a video source, or overlaid on another ANIM. The program allows text adjustment within a line. Features include automatic shadows, colors, a subtitle option, and ANIMs limited only by hard drive capacity. \$49.95

Mindware International, 110 Dunlop W. Box 22158, Barrie, Ontario, Canada L4M 5R3, (705) 737-5998

Deluxe Productions

Provides 16-color high-resolution graphics animation for video professionals. Over 40 wipes. Includes three free art disks with fonts. \$199.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

DeluxeVideo 1.2

Create desktop videos with art and music, titles, special effects, and rolling credits. Includes bonus post-production kit. \$129.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

DeluxeVideo III

Provides complete control over Amiga's graphics, animations and sounds. With its visually oriented interface, DeluxeVideo III adds full integration of sound effects, music, and MIDI to make complete audio-visual presentations. It can be used to create interactive demos, animated cartoons, or other types of video presentations using the full range of Amiga graphics, animation, and sound. These videos can be recorded on videotape or played back through the Amiga. In addition, DeluxeVideo supports object-oriented interactivity for HyperCard™ like flexibility. DeluxeVideo III supports all Amiga resolution modes (including HAM, hi-res, and interlace), super bitmaps, high speed animation, MIDI output and IFF standard sound and music files, and is the only program that has full DeluxePaint III capability. \$149.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

◆ Draw 4D-Pro

Same features as Draw 4D, but enhanced for video applications. IFF bitmap wrapping. Gouraud value and/or color interpolative shading. Unlimited light sources that can be bitmapped and change intensity/color during an animation. New animation multi-level deform mode. An easy to use eye path for architectural walk-throughs. Compressed 24 bit IFF saves. Enhanced tools. Many more features. Super-Fast render times, often under 2 minutes. Available May, 1991. \$349.00

Adspec Programming, 1405 N. Ellsworth Ave., Salem, OH 44460, (216) 337-3325

◆ Draw4D

3-D graphics and animation. Real time direct window into 3-D space. Elegant wide angle, zoom, rotation controls. Full mouse, menu, gadget, keyboard support. Fully multitasking. Handles polygons of any number of sides. No scripts are required for animation. Preview animations at the touch of a key. A wide range of powerful tools. Interruptable Z-buffer redraw averages 30 sec/frame. Saves in IFF and ANIM formats. Directly saves fully shaded Professional Draw Clips in grey scale or full color. The ultimate desktop publishing drawing aid. Both regular and math coprocessor versions included. \$249.00

Adspec Programming, 1405 N. Ellsworth Ave., Salem, OH 44460, (216) 337-3325

Elan Performer 2.0

For live presentations or cueing imagery for recording tape. Elan Performer 2.0 is the only Amiga program designed exclusively to give you real time control—just press a key or click the mouse to display more imagery and animation formats than any other program. Full ARexx support including Elan MIDI and recorder. Powerful utilities cut animations into frames, splice imagery into an animation, or convert animations between ANIM and Riff formats. AmigaVision and AmigaDOS release 2 compatible. Requires 1MB RAM. \$149.00

Elan Design, P. O. Box 31725, San Francisco, CA 94131, (415) 359-7212

Feature On A Floppy

A two-disk set packed with over 100 individual forms as used in the motion picture industry to assist in the creation of feature films, television productions, and commercials. Includes script, treatment, synopsis and storyboard formats, daily production reports, breakdown sheets, camera and sound sheets, location agreements, artist- and crew-deal memos, contracts, continuity report, extras details, daily assistant director's report sheet, and more. Each form is supplied with full explanatory notes. ASCII (text) format: \$38.95 U.S.; PPage (v2.0) format: \$48.95 U.S.

FroMate Pty., Ltd., P.O. Box 584, Box Hill Vic 3128, Australia

GENamations

Especially designed for Amiga genlock-encoder owners and users, these animated sequences have special Color 0 capacities, allowing the non-Amiga signal to be framed in the animation. They are all in 32-color lo-res overscan, so that users wishing to edit the results will have to use a 'set lace' function in their video software. These are the first of a multiple series of offerings in the GENamations series, and include a dozen useful genlockable animations for segueing scenes and video experimentation. Two disks. \$49.95
Eyeful Tower Comm. / Earful Tower Prod., 15 Rockydale, Bristol, VT 05443, (802) 453-4293

INVISION Plus

Works with the LIVE! FrameGrabber from A-Squared Distributions and a VCR or video camera to make professional video effects possible at

◆ = New Product Listing

the press of a key. New features include ANIM format compatibility; automatic rate effects control; graphics still store and display, and more. \$299.00

Elan Design, P. O. Box 31725, San Francisco, CA 94131, (415) 359-7212

JMH Easy Titler 2.0

Version 2.0 accepts additional fonts, uses overscan with all resolutions of IFF screens for backgrounds, and has 54 transitions to take you from screen to screen. This titling package/character generator will autoboot and is ideal for unattended use; it will also allow single stepping through your slideshow to make it the ideal tool for your live presentations. The script for the JMH Easy Titler permits up to 75 screens. \$49.95

JMH Software, 7200 Hemlock Lane, Maple Grove, MN 55369, (612) 424-5464

KARA FONTS-AnimFonts 1™

ChromeSCRIPT is an eight-color, formal script in caps and lower case and comes in both a Keyboarded and an AnimFont. Each letter appears to be handwritten across the screen. Additional palettes included along with utility programs to use ColorFonts. One disk. \$49.95

Kara Computer Graphics, 2554 Lincoln Blvd. Suite 1010, Marina Del Rey, CA 90291, (213) 578-9177

KARA FONTS-AnimFonts 2™

Bullion is a dimensional, beveled, highlighted, uppercase, gothic eight-colorfont and comes in both a Keyboarded and AnimFont. The AnimFont rotates onto the screen 90 degrees on the Y axis to the left while a glint of light travels across the face. Also includes additional palettes and utility programs to use ColorFonts. One disk. \$49.95

Kara Computer Graphics, 2554 Lincoln Blvd. Suite 1010, Marina Del Rey, CA 90291, (213) 578-9177

KARA FONTS-AnimFonts 3™

Capsule is a hi-res eight color metallic, rounded gothic, uppercase contemporary font 'which sparkles on' from the middle revealing characters to the top and bottom. Then, a sparkle goes across each letter from the left to the right. A separate sparkle for custom effects is included. Comes in both keyboard and ANIMfont format with palettes of chrome, gold, metallic, and silver. One disk. \$49.95

Kara Computer Graphics, 2554 Lincoln Blvd. Suite 1010, Marina Del Rey, CA 90291, (213) 578-9177

KARA FONTS-HEADLINES

Three-disk set. Featuring 10 hi-res, dimensional, up to eight color, uppercase fonts in two sizes each (approx. 104 and 84 pts. high). Font styles in Chrome, Marble, Brick, and Granite are draggable for added 3-D effects. Other styles are Chisel, Wood, Bevel, Cast, Chiselserif, and Column. \$79.95

Kara Computer Graphics, 2554 Lincoln Blvd. Suite 1010, Marina Del Rey, CA 90291, (213) 578-9177

KARA FONTS-HEADLINES 2

Two disk set offers four, new, eight-color fonts in two-three sizes each. ChiselScript: Italic script in upper and lower case. Glass: Transparent uppercase gothic face. Engraved: Draggable, uppercase two-plane shiney font. Embossed: Raised or sunken letters on a surface. \$69.95

Kara Computer Graphics, 2554 Lincoln Blvd. Suite 1010, Marina Del Rey, CA 90291, (213) 578-9177

KARA FONTS-SUBHEADS

Two-disk set. A scaled-down version of Headlines, offers same unique ColorFonts in two smaller sizes (approx. 72 and 55 points.) New sizes allow a greater range of flexibility in titling without having to reduce and makes it possible to use in lower resolutions at a workable size. \$69.95

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Masterpiece 3D Fonts in Interfont Format

49 fonts in Interfont Format. Using Interfont, you can quickly create text objects for 3-D programs. Converts to Videoscape, Sculpt, Aegis Draw Plus, Turbo Silver, or Pro Draw. \$99.00

ARock Computer Software, P.O. Box 731, Springfield, MO 65801, (417) 866-8803

please see display ad page 20

MediaBase Program Disk

Program gives easy interactive access to audiovisual presentation created with the MediaProcessor Program. Will include a touch screen interface soon. \$200.00

Interactive MicroSystems, Inc., 9 Red Roof Lane, Salem, NH 03079, (603) 898-3545

◆ MediaPhile 2.0 Desktop Video System

Desktop video production with consumer video decks and camcorders has arrived with the introduction of complete edit control systems from \$320.00. The system works with any VHS, SVHS, 8mm, Hi-8mm, or Beta video deck or camcorder that has infrared control. MediaPhile systems control video decks from Amiga computers through infrared remote control. Tape counter information is brought into the computer from Sony 'remote' jacks, or from MediaPhile edit control kits that can be easily installed in just about any video deck. The system supports A/B-roll editing from two player decks to a recorder, insert editing, genlock and switcher control, and animation and title recording. Edit decision list script commands display title and animation graphics, control genlocks, switchers, and special effects devices and send infrared commands. Select any deck function including freeze-frame, single-frame step, and digital effects from a screen control pad. AREXX compatible programs control video decks, laser and compact disc players and other devices through MediaPhile controllers to give dramatic multimedia presentations.

Interactive MicroSystems, Inc., 9 Red Roof Lane, Salem, NH 03079, (603) 898-3545

MediaPhile Servers Program Disk

AREXX and custom module interfaces to popular Amiga presentation, interactive training, and database programs including Amiga Vision, The Director, and CanDo. Requires a MediaPhile Controller. \$200.00

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MediaProcessor Program Disk

Professional video post-production edit-decision list program. Control videodecks, camcorders, genlocks, and other devices to make video productions with titles and special effects. Requires a MediaPhile Controller. \$200.00

Interactive MicroSystems, Inc., 9 Red Roof Lane, Salem, NH 03079, (603) 898-3545

Olo Backs 1

These are 16 color, hi-res overscan backgrounds intended to support and enhance written foreground text. The intention is to use any professional colorfont, like Kara Fonts or Olo Fonts, that use only the first 8 color-registers. Such fonts will easily be applied onto these backgrounds. Olo Backs only use the last 8 color registers of all the 16 in each hi-res picture. That leaves the first 8 at the disposal of the colorfont and makes it very comfortable and fast to create beautiful screens while still preserving the palettes of both the background and the colorfont. Olo Backs 1 are available in both NTSC- and PAL-format. The two versions are almost identical. Olo Backs 1 consists of two main themes. There are approximately 25 motifs with variations on tubular shapes and 10 motifs with variations on tile shapes. Some motifs have a dazzling 3-dimensional approach whereas others create a more subtle 2-dimensional background. Note that these pictures require Super Fat Angus. All motifs are supplied with 15 different color-palettes making a total of well over 400 different pictures possible. Two disks and a thorough 20-page user-manual in English included. Requires 1MB CHIP RAM minimum. \$59.95

ArtoVinjett, Byalys v.65, S12174 Jhov, Sweden, 011-468-649-7702

Olo Backs 2

These are 16 color hi-res, overscan backgrounds intended to support and enhance written foreground text. The intention is to use any professional colorfont, like Kara Fonts or Olo Fonts, that use only the first 8 color registers. Such fonts will easily be applied onto these backgrounds. Olo Backs only use the last 8 color registers of all the

16 in each hi-res picture. That leaves the first 8 at the disposal of the colorfont and makes it very comfortable and fast to create beautiful screens while still preserving the palettes of both the background and the colorfont. Olo Backs 2 are available in both NTSC- and PAL-format. The two versions are almost identical. Olo Backs 2 consists of four main themes. There are approximately 5 motifs with variations called thread shapes, 2 on marble, 2 on diamond, and 10 motifs with variations called fence shapes. Some motifs have a dazzling 3-dimensional approach whereas others create a more subtle 2-dimensional background. Note that these pictures require Super Fat Angus. Marble motifs comes with 10 different palettes. All others are supplied with 15 making a total of at least 275 different pictures possible. Two disks and a thorough 20-page user-manual in English included. Requires 1MB CHIP RAM minimum. \$59.95

ArtoVinjett, Byalys v.65, S12174 Jhov, Sweden, 011-468-649-7702

Pro Fills

Professional-quality, full-color patterns, and textures for use in desktop presentations and video. Create complex backgrounds and surfaces instantly, adding a new dimension to your video titling and presentations. Pro Fills patterns and textures are IFF brush format and compatible with all IFF paint and titling programs that allow custom brushes in fill tools or tiling functions. High resolution and interlace resolution versions of the patterns are included. Also includes a large assortment of color palettes complete with color ranges defined for dropped shadows and highlights. The patterns and textures may be combined to make thousands of variations and are compatible with multicolor fonts. \$29.95

JEK Graphics, 12103 S Brookhurst Ste. E-125, Garden Grove, CA 92642-3065, (714) 530-7603

Pro Video Gold

Real-time on-line character generator. Minimum of 100 pages in memory. Two color and four color pattern attached to any font. Four levels of color cycle or flash. Create quick backgrounds, with 100 real-time line and page transitions. Anti-aliased fonts and IFF picture importation requires more than minimum memory requirements. A1000, A500, A2000 WB 1.3 minimum 1MB total memory required. \$249.95

Shereff Systems, Inc., 15075 SW Koll Parkway Ste. G, Beaverton, OR 97006, (503) 626-2022

Pro Video Plus

Real-time on-line character generator. Minimum of 100 pages in memory. Two-color pattern attaches to any font. Four levels of color cycle or flash. Create quick backgrounds, with 100 real time line and page transitions. IFF picture importation supported with additional memory. English, German and Swedish fonts standard. A1000, A500, A2000 minimum 1MB total memory required. \$299.95

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Pro Video Post

Real-time character generator. Anti-aliased fonts, up to 2600 pages in memory. Reduce, enlarge, rotate, and move images for placement. Includes 100 page and line transitions plus 84 digital video effects accessed in real-time. Import IFF images or create quick backgrounds. English, French, German, and Swedish characters standard. NTSC-\$349.95, PAL-\$399.95. Requires 1MB chip and 2MB fast RAM.

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Roll'em! is an automatic teleprompting and titling program. Roll'em! is powerful enough to satisfy the most demanding of professional applications, yet simple enough for the amateur video enthusiast to master! Roll'em! includes a well-documented easy-to-follow manual which is comprised of tutorial and reference sections. Easy-to-follow examples facilitate the fastest user start-up possible. Still credits or titles are also possible. Roll'em! can be operated from the computer, or remotely by the speaker. Use a joystick or a footswitch to control the script. \$149.95
Designing Minds, Inc., 3006 N. Main Street, Logan, UT 84321, (801) 752-2501

◆ TELESCAPE Virtual Reality Authoring Software/Mandala Junior

This is a base level version of the ultimate human interface/multimedia tool. A video camera passes your real-time, live image into Virtual Realities created with this graphic video/music package. Viewing yourself on TV, manipulate graphics and sound effects/music with your 'live video image.' Comes with scenes disk and mouse command/menu authoring interface to create your own. Additional prefabricated VR's available from VE's library. Supports IFF pics, brushes, sounds; AREXX, MIDI, etc. Mandala Junior can be upgraded to Mandala Pro. Compatible with all Amiga levels; requires A2 Live Digitizer. \$179.00
Vivid, Inc., 317 Adelaide St., West Suite 302, Toronto, Ontario, Canada M5V 1P9, (416) 340-9290

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The famous special effects slide show generator is better than ever. Now it's your graphics, animation, and sound, slide show generator. Performs wipes, reveals, pushes, and more. Add speech. Many features. Now supports ANIM's and digi-

tized sound. AmigaDOS release 2 compatible. Recommended 1MB RAM, two disk drives or hard drive. Users of the original TV*SHOW can upgrade to TV*SHOW Version 2. \$99.95
Zuma Group, 6733 N. Black Canyon Hwy., Phoenix, AZ 85015, (602) 246-4238

TV*Text Professional

Produce eye catching lettering and graphics for video titling and desktop presentations. TV*Text Professional's package contains a program disk, three font disks containing Zuma Fonts Volume 1, 2, and 3, and a 220-page spiral bound User's Guide. With a click of your mouse, TV*Text Professional renders text, shapes, and objects in any number of colorful and dazzling styles. Full IFF image compatibility means you can use TV*Text Professional with variety of graphics and animation programs, including TV*SHOW™ special effects slide show program. Users of the original TV*Text can upgrade to TV*Text Professional and should contact Zuma Group for further information. AmigaDOS release 2 compatible. Recommended 1MB RAM two disk drives or hard drive, preferences supported printer. \$169.95
Zuma Group, 6733 N. Black Canyon Hwy., Phoenix, AZ 85015, (602) 246-4238

◆ The Mandala Virtual Reality Authoring Software/Mandala Pro

The ultimate human interface/multimedia tool. A video camera passes your real-time, live image into virtual realities created with this complete animation/video/music package. Viewing yourself on TV, manipulate animation and sound effects with your 'live video image.' Supports video laserdisc for high-end worlds. Comes with example scenes and mouse command authoring interface to create your own. Additional prefabricated VR's available from Vivid's library. Supports IFF pics, brushes, sounds; anims, sprites,

AREXX, MIDI, multi-state animation, universal variables, live video game construction, etc. Compatible with all Amigas. Requires A2 'Live' Digitizer. \$495.00
Vivid, Inc., 317 Adelaide St., West Suite 302, Toronto, Ontario, Canada M5V 1P9, (416) 340-9290

Title Page

Professional titling package and brush manipulator. A titler, font manager, script viewer, effects editor, pattern editor, list modifier, and a slideshow system are included. Full IFF and AREXX support are provided, with more than 65 AREXX commands. The package includes nine fonts and four color fonts. Create dazzling effects and stunning background for your next presentation. \$199.95
Eschalon Development, 1102- Renaissance Square, New Westminster, Quebec, Canada V3M 6K3, (604) 520-1543

◆ V.I.P.

This multiple-output video adapter is a tool for the desktop video enthusiast. Providing superior quality Composite out and SVHS Out, this device allows your Amiga to be interfaced with virtually all video hardware producers that require a Composite or SVHS signal. Additionally, an RGB pass thru is provided so that you can monitor the signal transmission on your Amiga monitor. For output to videotape this device is a must. It works on all Amiga Systems. \$129.00
DigiFeX Corporation, 610 Main Street, Oregon City, OR 97045, (503) 656-8818

VISTA 1.2

Vista 1.2 is now released for 1 MB Amigas. New features are Gouraud shading (eliminates polygons), low res option (and original HAM mode), simulated trees. Vista generates beautiful, 3 dimensional landscapes using real world USGS data; Turbo Silver compatible. Animation capability, Half-Dome and El Capitan in Yosemite National Park, Mt St. Helens (before and after eruption), Crater Lake. Caldera of Mons Olympus, highest mountain of Mars, can be explored from any angle or perspective. Also 16 billion imaginary fractal landscapes. 2.0 compatible, PAL version. Inexpensive upgrades. \$99.95
Virtual Reality Laboratories, Inc., 2341 Canador Court, San Luis Obispo, CA 93401, (805) 545-8515

VidGen

VidGen is a program that creates professional quality backgrounds in seconds based on your design, color scheme, creative input. VidGen was designed to save you time in creating video productions and business presentations. You create backgrounds by loading any of the standard symbols included with VidGen, one of our own symbols or brushes, or any standard clip art. Highlights, embossing, and tiling are done automatically. With VidGen's default settings you don't have to modify the background, but instant changes can easily be made using simple graphical controls. Finally, you can display the background in overscan for video recording, or save them for use with other software such as titling, paint, and presentation software packages. \$149.95
Microft Software, Ltd., P.O. Box 1072, Exton, PA 19341, (215) 363-2832

Video Tools

A collection of professional tools for desktop video. Includes a subtitler, a creditor, scroller, tele-prompter, background generator, color bar generator, video pattern display, slide and maker, XIP Image presenter, ASCII word processor, plus nine fonts, and four color fonts. Perfect for video production houses, cable stations, and amateur desktop video enthusiasts. \$299.95
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exterior of buildings for constructing a scene with objects or characters, or even titles. \$30.00
CV Designs, 61 Clewley Road, Medford, MA 02155, (617) 391-9224
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◆ **Video Visions: Volume 11-The Reporter**
 School scenes and sports geared to school videos are featured. Cheerleaders, classrooms, and scenery for schools are prevalent in this volume. \$30.00
CV Designs, 61 Clewley Road, Medford, MA 02155, (617) 391-9224
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◆ **Video Visions: Volume 9—The Video-Musician**
 Rock scenes and Animated Jingle Backdrops with a musical flair are featured on this psychedelic volume. Curtain opening, backdrops that move are featured on this volume for music video type scenes and object-musical instruments. \$30.00
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◆ **VistaPro**
 VistaPro creates beautiful painting-like landscape views and animations of Earth and Mars scenery, using Gouraud shading, hi-res, interlace and overscan. Saves and displays in 24-bit, hi-res, interlace, overscan or HAM. Saves images as IFF, IFF24, Turbo Silver objects (compatible with Imagine), and in 24-bit RGB for frame buffer output. Script support for animation modes: IFF, IFF24, RGB, and VistaPro's proprietary VANIM. Animation player for VANIM files from hard disk included. Scripting preview function shows path your animation follows through landscapes. Unlimited lighting positions. Compatible with Toaster, DCTV, Ham-E Board, Firecracker, Mimetics Frame Buffer. New landscapes included. Inexpensive upgrade. Requires 3 megs on NTSC, 3.3 megs for PAL. \$149.95
Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515

◆ **WJK Graphic Backgrounds Preview Video**
 This comprehensive hi-res collection with over 100 backgrounds is distinguished by high-end graphics emulation; color zero never used; color 1 available for titling with other colors for outlining and shadowing; little flicker; compatibility with Kara Fonts and Pro Video Gold/Post; purchase only what you need, when you need it, in IFF file. This video—for previewing only—shows you actual second generation backgrounds followed by a special section, 'Putting It All Together,' which shows creative ways of combining titles with these backgrounds. Musical accompaniment and information pack. \$8.00
Kronemyer, WJ Associates, 280 East Glen Ave., Ridgewood, NJ 07450, (201) 445-1919

◆ **ts-Prompt**
 Professional teleprompter software. Includes 1000 scroll speeds controlled by mouse or keyboard; reverse and inverse view modes; ASCII text file imports; print option; and a clear, intuitive 'point-and-click' user interface. System requirements: Any Amiga 512K, AmigaDOS 1.3 or 2.0. \$99.00
Lucky Fish Software, 4830 Briarwood, Ste. D4, Royal Oak, MI 48073-1353, (313) 288-3753
please see display ad page 18

▼ FONTS ▼

600 Amiga Fonts(6-Disk Set)
 The 600 Amiga bitmap fonts converted from BMUG Library Disks 1-12. 180+ typestyles in a range of sizes for dot-matrix printing and Amiga video uses. Mostly smaller text sizes, but largest up to 144 points. Ready to use in DPaint, Zoetrope, and Photolab with the easiest fonts installation instructions ever. Sampler disk—\$10. \$50.00
Lion's Amiga Art Studio, P.O. Box 42252, San Francisco, CA 94102, (415) 863-1781

Bread & Butter Fonts
 For use only with Toaster. Seventeen styles each in 26, 38, 50, and 66 scan line sizes. Anti-aliased, ready to use. No conversion, no half-pint fonts. \$119.95
Shereff Systems, Inc., 15075 SW Koll Parkway Ste. G, Beaverton, OR 97006, (503) 626-2022

◆ **Broadcast Font Pack 1**
 Ten professional high quality typefaces. All fonts are in both anti-aliased Broadcast Titler 2 and Standard Amiga formats. Amiga font sizes are 100 scanlines in height. Anti-aliased broadcast Titler 2 fonts are in various smaller sizes. Each font style contains the full 256 ASCII character set which includes special symbols and international accents. Additional sizes of Amiga fonts can be created with the Broadcast Titler 2 Font Enhancer. Fonts can be used with other Amiga Paint, Desktop Publishing, Multimedia & Video Packages. \$169.95
InnoVision Technology, 1933 Davis St. Ste. 238, San Leandro, CA 94577, (415) 638-8432

◆ **Cinnamon Toast Fonts**
 The first alternate multi-color fonts available for NewTek's Video Toaster. Cinnamon Toast Fonts are dimensional multi-color font styles created in 24-bit color values and converted to NewTek's ToasterCG 16-bit video font files. This first set is a four-disk package with six styles in two sizes each for a total of 12 fonts. The fonts were designed for headline or program titles and range from 44 to 64 scan lines in height. Styles are Ice, Hammered, Contrast, Scout, Engrave, and Jewell. \$99.95
Shereff Systems, Inc., 15075 SW Koll Parkway Ste. G, Beaverton, OR 97006, (503) 626-2022

Custom PostScript® Fonts
 Postscript® fonts created from your scanned artwork, or your logo inserted into any PS font you already own. Any language possible—Chinese or Japanese requires 30 fonts. Type-3, user font, produced with screenfonts and metrics for precision layouts in either Amiga and/or MAC formats.
Lion's Amiga Art Studio, P.O. Box 42252, San Francisco, CA 94102, (415) 863-1781

Hi-Fidelity Fonts (6-Disk Set)
 A collection of 67 popular typefaces for video title screens and headlines, each in 100 points tall for Amiga resolution compatibility and interchangability. Includes 'metric' files for use in PPage dot-matrix printouts. Ready to use in TV*Text, DPaint, PPage and AmigaVision. Made from Postscript® outlines for highest precision letterforms. Hi-Fi Fonts Demo Disk requires AmigaVision. \$10.00 \$120.00
Lion's Amiga Art Studio, P.O. Box 42252, San Francisco, CA 94102, (415) 863-1781

Masterpiece Professional Font Collection
 The largest collection of fonts and clip-art available for the Amiga today. 110 different fonts are included in this 20 disk set. Also included are 141 hi-res pages of border clip-art. Four disks of Colorfonts and two disks of Brushes round out the set. A must for the video professional. \$199.00
ARock Computer Software, P.O. Box 731, Springfield, MO 65801, (417) 866-8803
please see display ad opposite page

Midnight Fonts
 Original fonts for various applications. This is the desktop video set of the Midnight Fonts series. \$29.95
Computer Support, P.O. Box 463, Salem, OR 97308, (503) 743-4449

Olo Fonts Collection 1
 This is a collection of the normal, colorfont-versions of the Olo Animated Fonts 1, 2, and 3 (Marmor, Glider, and Gold). They are 8 color fonts intended for hi-res. Marmor is a marble-looking, massive and impressive font in caps. Gold is a gold-looking, clear and exclusive font in caps. All fonts support most characters in German, French, Spanish, and Scandinavian. Each font comes in two sizes ranging from 108 pts to

140 pts. This collection does not contain any of the animated versions of these fonts. All the corresponding palettes are naturally supplied. Marmor comes standard in Ivory-palette with different, suitable marble palettes added. Glider comes standard in sober green & brown-palette with 6 other palettes added. Gold comes standard in fancy gold-palette with 9 other palettes added. Two disks and a thorough 24-page user manual in English included. Requires 1MB minimum. \$59.95
ArtoVinjett, Byalus v.65, S12174 Jhov, Sweden, 011-468-649-7702

PostScript® Fonts Conversion
 PostScript® fonts converted from MAC to Amiga PPage. Most type-1 and all type-3 user fonts can be successfully translated. Service includes Amiga screenfonts for layouts, 'metric' files for precision kerning, and downloadable type-3 Postscript fonts for use with any Adobe® Postscript laser printer. Over 300 PS converted to date. Insured original factory disks only—no pirate fonts accepted. Fast turn-around. \$35/disk. Call for volume discount.
Lion's Amiga Art Studio, P.O. Box 42252, San Francisco, CA 94102, (415) 863-1781

Pro Video Series Alternate Fonts (five sets)
 Compatible with Pro Video Plus, Gold, and Post only. Each set contains four styles in four sizes. Each has anti-aliased files and regular font files. Easy icon installation. \$59.95
Shereff Systems, Inc., 15075 SW Koll Parkway Ste. G, Beaverton, OR 97006, (503) 626-2022

◆ **The Cool ColorFont Collection**
 Colorfonts with various faces in a three-disk collection for paint programs or video. Large sizes 65-82 lines with Serif, Sanserif, Modern, a Gold Bar, and a written font are among the various colored fonts for video. Upper and lower case. \$40.00
CV Designs, 61 Clewley Road, Medford, MA 02155, (617) 391-9224
please see display ad page 142

◆ **VidZeen V1.1**
 A meg-and-a-half of pictures, brushes, ANIM, ANIM brushes, and a new font designed for video use. The two disks include backgrounds for titles and collages, digitized and hand-drawn brushes, ANIMs and ANIM brushes of people and animals, LED sign font, PalettePlay—a utility designed for manipulating colors in real time, and MBZ_Crawl to move titles and brushes across the screen and over your background. The two-hour videotape includes information on how to use scaled palettes to create still and animated collages; how to add moving spotlights and realistic shadows to animations; remapping to combine images and create new effects; how to use anim fonts; anti-aliasing and re-sizing titles; previews and demos of other DTV-related products; helpful DPaint tips. \$39.95
MBZ, 6023 Kilgore Ave., Muncie, IN 47304, (317) 288-0009

Video Fonts II
 Seventeen styles each in four sizes. All individually bit-mapped and anti-aliased. For use in programs accepting the ColorText structure. Designed for use in video but perfect for slide images. Easy icon installation. \$119.95
Shereff Systems, Inc., 15075 SW Koll Parkway Ste. G, Beaverton, OR 97006, (503) 626-2022

Zuma Fonts Pack I & II
 Bitmapped typefaces for use with any IFF-compatible program, such as TV*TEXT Professional, which accesses Amiga fonts. Six sizes, from 12 to 100 lines. Requires 512K RAM. ZumaFont Pack I includes Volumes 1, 2, & 3 Zuma Fonts on 3 disks. ZumaFont Pack II includes Volumes 4, 5, & 6 Zuma Fonts on 3 disks. Volume 1: Swiss, Pica, and Barn Fonts. Volume 2: Euro, Chelt, and Stencil Fonts. Volume 3: Coop, Script, and Fast Fonts. Volume 4: Deco, Devine, and Draft Fonts. Volume 5: Metro, Art, and Gospel Fonts. Volume 6: Oak, Sports, and Alps Fonts. Each pack \$99.95.
Zuma Group, 6733 N. Black Canyon Hwy., Phoenix, AZ 85015, (602) 246-4238

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▼ IMAGE PROCESSING ▼

Art Department Professional

Professional-level image processing: a superset of The Art Department. Supports ARexx, imports and saves to Amiga and non-Amiga image formats, can control scanners and other imaging hardware. Includes savers & loaders for IFF, Digi-View 2.1, Turbo Silver, Sculpt 4D, GIF, PCX, DeluxePaint II Enhanced, PostScript Saver, and 24-bit Composition. \$239.95
ASDG, Inc., 925 Stewart St., Madison, WI 53713, (608) 273-6585

Art Department Professional Conversion Pack

The Professional Conversion Pack (PCP) adds to ASDG's Art Department Professional, the ability to read and write images in the Targa, TIFF, and Rendition formats. These formats are used extensively by Macintosh and IBM imaging professionals. Reading and writing each format can be performed via ARexx using ADPro's extensive ARexx interface. Targa formats 1, 2, 9, and 10 are supported as well as TIFF level 5.0X. \$90.00
ASDG, Inc., 925 Stewart St., Madison, WI 53713, (608) 273-6585

HAM-E

24-bit/256 register and 262144 simultaneous color video adaptor for any Amiga. Attaches externally to the Amiga between computer and standard monitor. Comes with comprehensive real-time paint software, sophisticated rendering software for producing images from virtually any Amiga image file. All software reads and writes CBM standard 24-bit iff files, paint will import any IFF file 2-32 colors, half-brite, PP HAM, DP HAM, 24-bit, RGB8, RGBN, and more. Source code for paint and render available on BBS (406) 367-ABBS, also all software free upgrades forever on BBS. Suggested companion software is ASDG's 'The Art Dept.' which provides conversion to 24-

bit format of many industry images file types such as PCX, Targa, etc. ARexx compatible. 1MB recommended. \$299.95

Black Belt Systems, 398 Johnson Road, RR-1 Box 4272, Glasgow, MT 59230, (800) TK-AMIGA
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The Art Department

24-bit plane image processing system for the Amiga. Using 'Loaders' TAD can read any image file format. Includes 'Loaders' for IFF, Digi-View, Sculpt 4D, and Turbo-Silver. Offers 208 video modes including PAL and 4096 colors in hi-res. Super accurate digital scaling, color conversions, color separations, and other image processing functions. \$89.95
ASDG, Inc., 925 Stewart St., Madison, WI 53713, (608) 273-6585

▼ SOUND ▼

Animation

Sound effects disk with 45 real and synthesized IFF sounds. Door knocks, footsteps, machinery, more. \$19.95
WaveTable Technologies, 1647 Willow Pass Rd. Suite #267, Concord, CA 94520, (415) 676-0517

▼ TUTORIAL ▼

◆ Broadcast Titler 2 Font Enhancer

Convert any single color Amiga font to Broadcast Titler 2's four level anti-aliased format. The Font Enhancer eliminates the jagged edges found in normal Amiga fonts. Resulting fonts occupy up to five times less memory. Fonts can also be accurately resized to smaller sizes while preserving original detail. An entire family of fonts may be created from one Amiga font. \$169.95
InnoVision Technology, 1933 Davis St. Ste. 238, San Leandro, CA 94577, (415) 638-8432

MediaPhile Utilities Disks

MediaEditor video edit decision list program controls video decks and camcorders to make video productions. MediaController icon and keyboard device control program for animation and title recording from within many popular Amiga programs. Also includes the TCGen window dvb and SMPTE time code generator program. Requires a MediaPhile Controller. \$200.00
Interactive MicroSystems, Inc., 9 Red Roof Lane, Salem, NH 03079, (603) 898-3545

TeleGraphics International

Tape I: Video Graphics Techniques

The first tape in a 3-tape instructional series produced totally with Amiga graphics, animations, titling, and effects by Amiga software and SuperGenGenlock. Provides an excellent example of what can be done with the Amiga and video. Many examples of graphics, titling, animation, special effects, and wipes. Covers planning graphics for video applications, uses of training animations, diagrams, graphs, and charts. Sold individually, or as part of a 3-tape set. \$39.95
TeleGraphics International, 605 Dock Street, Wilmington, NC 28401, (919) 762-8028
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▼ UTILITIES ▼

Animated Action Disks

Two disks of animations. ANIMs format on Animated Intros, and ANIM brushes on Animated Spots. Wedding-type cycled motion scenes to add and edit for your video animations. DeluxePaint III compatible. \$28.00
CV Designs, 61 Clewley Road, Medford, MA 02155, (617) 391-9224
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◆ Autumn Colors

A collection of digitized leaves in a splendor of fall colors. They are in interlaced HAM and are ideal for use with your HAM Paint programs or multimedia presentations and desktop videos. \$39.95
GlassCanvas Productions, Inc., P.O. Box 6171, Boston, MA 02114, (617) 367-3229

Broadcast Backgrounds

Four-disk, 36-image collection of high and medium resolution graphics to be used as backgrounds with titling programs such as Broadcast Titler and TV*Text Professional, and paint/animation programs such as DeluxePaint. These are IFF files which can be modified. The backgrounds provide a variety of effects such as brickface, wood, gradation, and 3-D perspectives. Also included is a slide show that will allow a quick look at each background. \$44.95
Computers, Etc!, 4521-A Bee Ridge Road, Sarasota, FL 33583, (813) 377-1121

Cafe Sketches

Includes 33 digitized images in interlaced hi-res (black and white) from original charcoal, pencil, or pen and ink drawings by Carlos A. Caicedo. These drawings include many stylized figures of people in coffee house settings and are ideal for use with your drawing program of multimedia presentations and desktop videos. \$39.95
GlassCanvas Productions, Inc., P.O. Box 6171, Boston, MA 02114, (617) 367-3229

Doug's Color Commander 2.0

A powerful screen utility that opens the door to shading and swapping colors in ways that have never been possible before, while greatly expanding the graphics capability of your Amiga. Includes screen grabbing and printing capabilities. Not copy protected. \$49.00
Seven Seas Software, P. O. Box 1451, Port Townsend, WA 98368, (206) 385-1956

Future Touch PresentTime


Wireless, handheld controller that enables users to control professional presentations from any location in the room. Specifically designed for use with AmigaVision and other authoring software,

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PresentTime allows full control of computer mouse and user programmable function keys from remote locations. \$249.00
Future Touch, div. of Amigo Business Computers, 192 Laurel Rd., E. Northport, NY 11731, (516) 757-7334

Images of Hawaii

Twenty-nine scenes from Oahu, Maui, and Hawaii. Color images in non-interlaced HAM. Ideal for use with Multimedia presentations and desktop videos. 1.3 & 2.0 compatible. \$34.95
GlassCanvas Productions, Inc., P.O. Box 6171, Boston, MA 02114, (617) 367-3229

Images of Japan

Includes 15 scenes from Kamakura, Kyoto, and Nara. Color images in interlaced HAM. Ideal for use with multimedia presentations and desktop videos. 1.3 & 2.0 compatible. \$34.95
GlassCanvas Productions, Inc., P.O. Box 6171, Boston, MA 02114, (617) 367-3229

Interactor

An animation design system which combines the power of hypermedia with the excitement of desktop video to let you create interactive visual databases for free-association browsing, information retrieval, and education. Interactor turns your Amiga into a hypertextual desktop presentation environment which integrates graphics, sounds, and a text into an interactive, randomly-accessible hierarchy of information of your own design. Furthermore, Interactor is fast and easy to use with an innovative, intuitive interface built for productivity. \$79.00
Very Vivid, Inc., P.O. Box 127 Station B, Toronto, Canada M5T-2T3, (416) 686-7850

On-Line Studio

On-Line Studio is a three-disk set of Professional style video backgrounds and animation for use in titling, paint and animation programs. A valuable and time-saving tool to video production work. From the Amiga Professional Tutorial series. Requires 1MB 'fat' angus, 1MB RAM. \$24.95
CP Productions, P.O. Box 103, St. Peters, PA 19470, (215) 462-2268

Photon Video Transport Controller

The link between graphics, animation, and video tapes. Controls external video tape frame-by-frame controllers like the Lyon-Lamb and Video Media's V-LAN systems. Designed for use with Photon Video's Cell Animator, the Transport controller will also work with other third-party software. Records 1-300,000 frames each time an image is displayed, resulting in a smooth animation sequence. Set the TC to edit short real-time Amiga animations into longer sequence; set in/out points via keyboard or mouse; create time-lapse using the Time Lapse utility. Requires external video controller interface. \$299.95
Microillusions, P.O. Box 3475, Granada Hills, CA 91394, (818) 785-7345

Photon Video: Edit Decision List Processor

Edit decision lists can save lots of time and money. Create your list off-line, then transfer them to an on-line editing system via the serial port, or an MS-DOS compatible floppy disk. Features 999 events per file capacity, three tracks (one video, two audio), and lists are recalculated instantly every time a change is made. Works with 30-frame NTSC, 25-frame EBU (PAL), and 24-frame film modes. \$499.95
Microillusions, P.O. Box 3475, Granada Hills, CA 91394, (818) 785-7345

ProImage V1.1

ProImage is a custom, menu-driven software program designed to display and update color IFF images in a seamless fashion. It supports high resolution images in up to 4096 colors plus animations. ProImage has been designed specifically for remote operation. A powerful scripting capability enables sequencing pages in a loop or random fashion with date and time control of page selection. Seamless addition or deletion of page is possible without taking the system off line. New pages may be batched and archived for faster transmission using LZHUF compression and decompressed remotely afterwards. \$495.00
Communication Systems Engineering, 4 Todd Rd., Nashua, NH 03060, (603) 883-0223

Programmer's Toolkit Disk

Control videodecks, laser and compact disc players, and other infrared controlled devices from your C-language or BASIC programs. Disk includes linking libraries and bmap files for the MediaPhile shareable library. Requires a MediaPhile Controller. \$200.00
Interactive MicroSystems, Inc., 9 Red Roof Lane, Salem, NH 03079, (603) 898-3545

SuperPrompt

SuperPrompt is a high resolution variable scroll speed teleprompter. SuperPrompt's text editor can be used to quickly enter text for scrolling, or ASCII text files can be imported from Amiga word processors. Scroll text at 10 different speeds adjustable on-the-fly. Includes ten programmable director's prompt messages to flash cues on screen. \$599.95
InnoVision Technology, 1933 Davis St. Ste. 238, San Leandro, CA 94577, (415) 638-8432

System Integrator

System Integrator will RESET the Amiga upon detection of an error condition, lock up, or even a total system crash. It is a software/hardware combination that attaches externally to the Amiga (internally for A500). Developed initially for Cablevision companies, video presentations, and interactive multi-media displays. It is a must for bulletin board systems, ray tracing, and other applications that require the Amiga to be left running unattended. System Integrator will have you up and running again in seconds, with no human intervention. The software includes a toolkit to log errors, blank the display, and display a custom message-screen. \$199.00
*Pro-Tronic Systems Ltd., 720 -6th Street, #227, New Westminster, B.C., Canada V3L 3C5, (604) 290-1631
 please see display ad page 138*

T.V. Graphics 2.0

A two-disk set of clip art to be used in desktop video applications. Graphics consist of background screens and borders for over-dubbing video. All graphics created in Interlace overscan and are IFF compatible. \$49.95
Slide City, 6474 Highway 11, Deleon Springs, FL 32130, (904) 985-1103

VIDI-Mice

VIDI-Mice is a man-machine interface for the Amiga computer, for use in interactive hypermedia productions and performances. By emulating all mouse and keyboard functions, VIDI-Mice software allows you to control virtually any video, music, or paint programs from your video camera. (LIVE! frame grabber required.) \$85.00
Tensor Productions, 280 Mathilda Drive No.9, Goleta, CA 93117, (805) 685-2994

Vermont Seasons

These disks are packed with dozens of seasonal images of Vermont as it appears through the four seasons of the year. All of the digital still-photographed material is in lo-res HAM. There are four 3-disk sets, and with them you can travel through all of the colors of autumn, the blue-white cold of winter, the light green haze of spring, and the lush tropical warmth of summer. Useful as educational references, video backdrops, DTP fills, and as beginnings for original electronic montages. A 12-disk set. \$129.95
EyeFul Tower Comm. / Earful Tower Prod., 15 Rockydale, Bristol, VT 05443, (802) 453-4293

Video Visions Vol. 1: The Titler V3.0

Now includes five disks; three with backdrops and one with ColorFonts to start you titling. Colorfonts I mini-volume added to help Titles and Backdrops be integrated for a full starter kit

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Last Minute Additions

on Video Titling. Scenes are extended to broadcast titler overscan page size 736 x 480. \$30.00
CV Designs, 61 Clewley Road, Medford, MA 02155, (617) 391-9224
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Video Visions Vol. 3: The 2D Animator V1.0
 Two disks. Images and parts custom-made for 2D Pageflip programs with a focus on Characters-Creations subjects. Features: many motion parts for animations, butterfly animation, Rosie Rabbit animation, horse race, fence post looping background, Character poses: boyrun, duck snoop, duck walk, runners, eagle land, eagle fly, golfer, tiger joyful, woman leaping, HAM desert back-drop, horse gallop, horse prance, and more! Over 30 files hi-res and HAM. 672x444 IFF format page \$24.95
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Video Visions Vol. 4: The Videographer V2.0
 Three disks. Images and parts custom-made for Wedding/Occasions subjects. IFF Compressed Overscan for video programs. Features: borders, flowers, love, bouquets, bride, frames, scroll, lace, and more! Over 30 files hi-res overscan. Same as Videographer 1.0; only pages are extended to broadcast titler overscan 736 x 480 IFF format. \$30.00
CV Designs, 61 Clewley Road, Medford, MA 02155, (617) 391-9224
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Video Visions Vol. 5: Broadcaster
 Two disks. Images and parts custom made for Business/Broadcast subjects. IFF Compressed Overscan for video programs. Features: Chroma Slide overscan screens, industry, cityscape, Celtic animation, baseball/football scoreboards, 20th Century Fox logo, and more! Over 40 files hi-res overscan, 672 x 444 IFF format pages. \$24.95
CV Designs, 61 Clewley Road, Medford, MA 02155, (617) 391-9224
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Video Visions Vol. 6: The Educator
 Two disks. Images and parts custom-made for educators with a focus on history/geography subjects. Features maps, historical sites around world: Eiffel Tower, Spanish matador, and India caravan. All maps worldwide, with over 60 files and full 16-color hi-res. \$24.95
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Video Visions Vol. 7: The Advertiser
 Two disks. Images and parts custom-made for advertisers with a focus on products/symbols subjects. Features industry TV commercial pictorials. All products like 35mm cameras, video camera, disk drive, Visa/MasterCard, medical, Pepsi, Yellow Pages, and more! Over 50 files of 16-color hi-res. \$24.95
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Video Visions Volume 8: The Videomaker
 The Videomaker contains anniversary ceremonies type data. Stained glass effects to religious type data make this a perfect companion to Volume 4: The Videographer includes wedding ceremonial scenes and others. Three disks of data. \$30.00
CV Designs, 61 Clewley Road, Medford, MA 02155, (617) 391-9224
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Video Visions: Mini Volumes 1-5
 Mini-Volumes 1-5 are essentially best of disks containing selected data from Video Visions' multi-disk volumes 1-4. Each Mini-Volume is a single disk compilation without Workbench or icons. The show program on the main Video Visions disks or a similar public domain show program is required. Disk 1 features Backdrops from V.V.'s 1 and 4 and the Borders from V.V.'s 1 and 4 are contained on Disk 2. Disk 3 is Deluxe Paint III-compatible animations entitled Animated Intros, while Disks 4 and 5 and 7 are Colorfonts I,

II, and III with 84 and 62 line Colorfonts in Serif, Modern, Sanserif, and Boldface, GoldBar, and Written Font. Mini-volume 6 is animated spots featuring Animbrushes for DPaint 3 users. Each volume is \$16.95. \$16.95
CV Designs, 61 Clewley Road, Medford, MA 02155, (617) 391-9224
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Video Visions: MultiVisions
 Can load and run pictures, objects, and animations prior to dumping to video tape. It can be part of the package of any Video Visions data disk set or purchased separately, \$25.00 alone (\$20.00 more for modifiable CanDo version); free with purchase of The Studio Set. \$25.00
CV Designs, 61 Clewley Road, Medford, MA 02155, (617) 391-9224
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Video Visions: The Animator Set
 Includes previous Video Visions clip art bundled in a three-volume set of six disks. Includes Volume 2: The 3D-Animator (Sculpt3D version standard), Volume 3: The 2D-Animator. Geared toward Animation users 2-D or 3-D. Educational in scope. Has numerous aides for the animator, as well as Animated Intros and Animated Spots. \$49.95
CV Designs, 61 Clewley Road, Medford, MA 02155, (617) 391-9224
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Video Visions: The Mixed Set
 Includes all previous video vision clip art bundled in either three-, four- and five-volume sets. Volumes of the future can be chosen to complete a package to suit any videographer. Geared toward the mix & match individual. Conversions available for any set program requirement a user may request. Three volumes, \$49.95; four volumes, \$79.95; five volumes, \$89.95.
CV Designs, 61 Clewley Road, Medford, MA 02155, (617) 391-9224
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Video Visions: The Studio Set
 Contains all of the Vision Data packaged in one assorted collection. Video Volumes one to ten and beyond, Mini Volumes three to seven. Liberal upgrade to future volumes for one year is also included in the purchase of this set. MultiVisions also included in this complete set of over 26 disks. \$199.95
CV Designs, 61 Clewley Road, Medford, MA 02155, (617) 391-9224
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Video Visions: The Titler Set
 Includes previous Video Visions video clip art bundled in a four-volume set with 10-11 disks. Includes Volume 1-The Titler, Volume 5-The Broadcaster, and Volume 7-The Advertiser. Geared toward Titler users that use display video software. Optional are the Broadcast Titler; Script Disk for those owners of Broadcast Titler. Has three colorfonts disks included. \$79.95
CV Designs, 61 Clewley Road, Medford, MA 02155, (617) 391-9224
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Video Visions: The Wedding Set
 Includes wedding data, Bar Mitzvah, and ceremony art consisting of six disks of data in overscan hi-res format. Volume 8 and Volume 4 are included. For another \$20.00 Animated Action disks can be included. \$49.95
CV Designs, 61 Clewley Road, Medford, MA 02155, (617) 391-9224
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VideoPAGE
 Simple-to-use interface, and video titler. Use over 100 transitions to manipulate titling effects. Best smooth scrolling. Up to six fonts at one time. Hi-res, 16-color system. Includes extra font diskettes. \$99.95, one-font diskette; \$149.95, four-font diskettes.
Impulse, Inc., 6870 Shingle Creek Parkway #112, Minneapolis, MN 55430, (612) 566-0221
please see display ad inside back cover

▼ MISCELLANEOUS ▼

Eye Play 2
 Player or computer builds computer art from three dozen graphic routines. With 640 x 400 and 320 x 200 resolution \$19.95
Silver Software, 1922 Purchase Brook Road, Southbury, CT 06488, (203) 264-2583

Laser Show Designer
 Produces professional quality laser light shows. Works like a paint program to create, edit, animate, and display projected laser graphics and beamworks. Requires standard laser scanner projector (available from Pangolin.) \$595.00
Pangolin Laser Software, 933 North Kenmore St. Ste. 317-A, Arlington, VA 22201, (703) 527-4880

◆ **Laser Show Designer 2**
 The most advanced laser display software available for any computer. Create, edit, animate and display true 3D, full color laser graphics. Requires color laser projector, QuadMod interface card (available from Pangolin.) \$4900.00
Pangolin Laser Software, 933 North Kenmore St. Ste. 317-A, Arlington, VA 22201, (703) 527-4880

Mondo Stereo
 Create dynamic stereo 3-D images and gain full understanding of how stereo works. Paint stereoscopic depth into ANY Amiga image! Enter a totally interactive 3-D workspace! Wear your 3-D glasses while you work, so that you get instant stereo 3-D feedback! Complete manual (with extensive illustrations) included. Uses either X-SPECS 3-D (alternating liquid-crystal) or anaglyphic (red/blue) viewing systems. Mondo stereo anaglyph glasses (with durable plastic frames) included! Also includes the No-Spex Free Viewing Aid. Makes free viewing side-by-side 3-D pairs easy. (Free viewing is an advanced stereo technique.) Has settings for Sculpt/Animate 3-D, Forms in Flight II, and Turbo Silver. Under \$100.00
A-Squared Distributions, Inc., 6114 LaSalle Ave., Oakland, CA 94611, (415) 339-0339

RGB AniGrafix WorkStation
 Amiga 2000/3000 computer configured for animation and graphics production. 68030/68882 processors up to 50MHz. 68040 processors also available. System-fixed disk drives up to 1.25 GB. Removable media from 44MB up to 900MB. 650MB Magneto-Optical disks. 24/32 bit framebuffers up to 2000 x 2000 dpts with 16.7-million colors. Complete AniGraphix software toolkit for 2-D/3-D animation and graphics. System comes totally configured for professional grade animation productions. Amiga native genlock-encoders/Grass Valley Group Encoders available. Single Frame control option includes all hardware and software for VCR single frame control. A/B-Roll editing option. Film Recorder option. Contact RGB with specific needs. \$5000.00
RGB Computer & Video, 3944 Florida Blvd. Ste. 4, Palm Beach Gardens, FL 33410, (407) 622-0138

RGB Single Frame Controller
 All hardware and software needed to control a video deck for single-frame and time-lapse animation. Can easily be expanded to a full blown A/B Roll or cuts-only editor (AmiLink). Interfaces available for virtually all frame-accurate videotape recorders. Can be interfaced with AmigaVision to control virtually any professional grade videotape recorder. \$2515.00
RGB Computer & Video, 3944 Florida Blvd. Ste. 4, Palm Beach Gardens, FL 33410, (407) 622-0138

RTV
 Raster-to-vector conversion program. Takes standard IFF pictures—drawn, painted, or digitized—and instantly turns them into projected laser graphics. RTV can be used by itself or as input for the Laser Show Designer program. Requires a standard laser scanner projector. \$495.00
Pangolin Laser Software, 933 North Kenmore St. Ste. 317-A, Arlington, VA 22201, (703) 527-4880

Word Processing

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▼ WORD PROCESSING GENERAL ▼

BeckerText

BeckerText Amiga is a word processor, that gives you all of the easy-to-use features found in TextPro Amiga, plus added features. You can merge sophisticated IFF-graphics anywhere in your document. Hyphenate, create indexes, and generate a table of contents for your documents, automatically. Real WYSIWYG formatting on your Amiga. ISBN-1-55755-029-8 \$150.00
Abacus Software, 5370 52nd Street S.E., Grand Rapids, MI 49512, (616) 698-0330

Excellence!

On-line spell checker, grammar checker, hyphenation, thesaurus, table of contents generator, index generator, math columns, graphics mixed with text, multiple sized fonts, colors, PostScript laser support, and more. Runs on 512K RAM, but 1 MB recommended. \$199.95
Micro-Systems Software, 12798 Forest Hill Blvd. Ste. 202, West Palm Beach, FL 33414, (407) 790-0772

KindWords™ 2.0

Multi-featured word processor with fully-integrated graphics environment to enable users to crop and manipulate image size in 16 colors within the word processing application. Offers the acclaimed Proximity/Merriam Webster Dictionary featuring a 100,000 word spelling corrector, and the Proximity/Webster Electronic Thesaurus that accepts over 40,000 words and offers 470,000 synonyms. The Thesaurus helps users find the right word by presenting a list of meanings for each query, along with synonyms, antonyms, related words, and contrasted words. \$99.95
Disc Company, The, 11022 Santa Monica Blvd, Ste. 440, Los Angeles, CA 90025, (213) 478-6767

LPD Writer

Work on several projects at once with multiple windows. WYSIWYG display, zoom feature, suspend, multiple-file editing, short-cut commands, on-line help, footers, formatting, and text enhancements. \$59.95
Digital Solutions, Inc., P.O. Box 345 Station A, Willowdale, Ontario, Canada M2N 5S9, (416) 731-8775

ProWrite 3.1

Full featured word processor in a very intuitive and easy-to-use environment. Features include: multiple columns with either parallel or snaking text flow, color output, a WYSIWYG display, 100,000 word spell checker, and print merge. Print graphics and NLQ text side-by-side. Add to that a thesaurus with over 300,000 cross references. Macros are available (when used in conjunction with ARexx). ProWrite 3.1 has greater printer flexibility; you get maximum control in nearly all printing variables. We have also included a 'Speak' option: it can read the entire document or selected portions, or enter phonetic codes and have those spoken, which is great for educational purposes. ProWrite runs on all Amiga systems with one megabyte of RAM or more, and Kickstart version 1.2 or later. \$175.00
New Horizons Software, Inc., 206 Wild Basin Road, Ste. 109, Austin, TX 78746, (512) 328-6650

Protext

Protext is a fully integrated word processor which combines the features of a word processor, text editor, and a command line interpreter—all in one package. \$99.95
MichItron, 3201 Drummond Plaza, Newark, DE 19711, (302) 454-7946

◆ QuickWrite

An entry level word processor. QuickWrite has an advanced mail merge facility, a spelling checker with a 50,000 word dictionary, macros, an ARexx port and automatically updated date and time markers. QuickWrite also provides complete control over printing, including support for custom paper sizes and the ability to print in Pica, Elite, or condensed Pitch. QuickWrite is able to export and import text files. Requires 512K of memory and Kickstart 1.2 or later. \$75.00
New Horizons Software, Inc., 206 Wild Basin Road, Ste. 109, Austin, TX 78746, (512) 328-6650

Rashumon

Rashumon is a multi-lingual graphic word processor which contains English, Hebrew, Arabic and Russian. Rashumon supports multiple fonts, including proportional spacing. It also has fast scrolling and editing speed. Rashumon is user friendly having a graphic intuitive user interface. It can have up to eight colors in one document which can be selected from 4096 options by Palette Requester. This word processor also has full math support, a Data Base and a Save IFF option. It can also read text for you. \$150.00
HarmonySoft, 69 Jabotinsky Street, Givatayim 53319, Israel, 011-972-331-5967

Scribble! Platinum Edition

Incorporates all the features of The Works! Word processing module. Includes 104,000 word spell checker with scientific and technical supplements, a 470,000-word thesaurus. Also prints IFF graphics. \$99.95
Micro-Systems Software, 12798 Forest Hill Blvd. Ste. 202, West Palm Beach, FL 33414, (407) 790-0772

TextPro Amiga

TextPro Amiga is a full-function word processing package. Easy-to-use, fast and powerful, with a surprising number of extra features. You can write your first TextPro documents without even reading the manual. Select options from the pulldown menus with your mouse, or use the time-saving shortcut keys to edit, format, and print your documents. ISBN-1-55755-027-1. \$79.95
Abacus Software, 5370 52nd Street S.E., Grand Rapids, MI 49512, (616) 698-0330

Textcraft Plus

Versatile word processing program features pulldown menus with full editing capabilities: choice of font style, formatting controls, automatic headers, footers, print merge, and on-line help. Includes nine ready-made forms for writing business letters, menus, resumes, reports, etc. Ideal multitasking program for any area of business. \$99.95
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

Thinker 2.1

A sophisticated hypertext system that combines word processing and outline processing with hypertext. Its editing, outline and database capabilities make it an excellent tool for creative writing, on-line documentation, planning and design, small business databases, and computer-aided education. Documents containing multi-styled and multi-colored text and images link to other documents, pictures, and applications. Click on a word or phrase and check a reference, view a picture, or launch a Workbench or CLI application and control it with ARexx. \$80.00
Poor Person Software, 3721 Starr King Circle, Palo Alto, CA 94306, (415) 493-7234

Transcript

Incredibly fast writing/editing tool. The Transcript package consists of a concise main program and an even smaller version called TransSpell, a 90,000-word spelling checker that can work alongside Transcript or stand alone. Ten different ways to move the cursor provides easy access to text operations. Use the cursor keys alone or with SHIFT or ALT. All keyboard shortcuts are listed in the pull-down menus. Automatically generates indexes and mail merging. \$69.95
Gold Disk, Inc., 5155 Spectrum Way, Unit 5, Mississauga, Ontario, Canada L4W 5A1, (416) 602-4000

WordPerfect 4.1

Word processor featuring 115,000 word spell checker, thesaurus, macros, math, multiple windows, multitasking, and more. \$250.00
WordPerfect Corporation, 1555 N. Technology Way, Orem, UT 84057, (801) 225-5000

▼ FONTS ▼

◆ Midnight Fonts WP

Original fonts for various applications. This is the word processing set of the Midnight Fonts series. \$29.95
Computer Support, P.O. Box 463, Salem, OR 97308, (503) 743-4449

SuperFont Sampler 2.1

A 2-disk set including a 35-page manual, more utilities, and 60 font styles from 7 to 34 lines high. Great starter package with no compromise in quality for the budget-minded who need a variety of small-to-medium fonts for newsletters, word processing, and educational applications. Requires 512K RAM. \$34.95
CLASSIC CONCEPTS Futureware, P. O. Box 786, Bellingham, WA 98227-0786, (206) 733-8342

▼ SPELL CHECKERS ▼

Foreign Language Dictionaries for ProWrite

German, French, and Swedish dictionaries for use with ProWrite graphic word processor. The German dictionary contains 85,000 words, while the French version contains 130,000 words, and the Swedish version contains 150,000 words. \$35.00 each.
New Horizons Software, Inc., 206 Wild Basin Road, Ste. 109, Austin, TX 78746, (512) 328-6650

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Gold Spell 2.0

A 90,000 word dictionary, compatible with most word processors. Automatic guess, dictionary scan. Allows use of private dictionaries. \$44.95
Gold Disk, Inc., 5155 Spectrum Way, Unit 5, Mississauga, Ontario, Canada L4W 5A1, (416) 602-4000

Nancy-A Spelling Checker

Spelling Checker with corrector is largest computer dictionary available. Over 200,000 words. Learns your mistakes and corrects them automatically. Remembers corrections and typos between executions. Works with all text editors, word processors, database and spreadsheets producing ASCII files. Skips and remembers intentionally misspelled words. Suggests and corrects spellings. Supports Amiga speech, if so desired. Works interactively or unattended. Automatically backs up original files. Dictionary may be enhanced by user. \$16.95

Computer Club Co., The, 13013 Lee-Jackson Highway, Ste. 142, Fairfax, VA 22033, (703) 968-7588

Promise

95,000- word spell checker with spell help, punctuation. \$49.99
Other Guys, The, 297 E. 200 N., P.O. Box H, Logan, UT 84321, (801) 753-7620

▼ TEXT EDITORS ▼

◆ Hangul-Alpha

Korean language text editor. Can print Korean text (Hangul) and English on the same screen. Saves text files in 16-bit KSC-5601 format or as IFF screens to be used in paint programs. Includes drivers for laser and dot-matrix printers. \$79.95
Mesa Graphics, 909 East 49 1/2 St., Austin, TX 78751, (512) 452-2441

TextEd

Easy-to-use, fast text editor. \$39.95
Microsmiths, Inc., P.O. Box 561, Cambridge, MA 02140, (617) 864-8595

TextEd Plus

Text editor plus FastFonts, FunKeys, ARP, ARexx, and BlitzDisk. \$79.95
Microsmiths, Inc., P.O. Box 561, Cambridge, MA 02140, (617) 864-8595

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A small, fast, easy-to-use text editor designed for programmers, authors, and others who do not require a WYSIWYG display. Coded entirely in optimized 68000 assembly. All the features you'd expect to find in a good editor plus mouse/menu support, macro facility, printer spooling, and the ability to rebind the command keys to your preference or to emulate other editors. AmigaDOS 2.0 compatible, ARexx capable. Requires 512K. \$25.00
dissidents, 730 Dawes Ave., Utica, NY 13502, (315) 797-0343

▼ UTILITIES ▼

Flow 2.0

Idea processor helps you organize your thoughts. Built-in outliner gives you major heading with multiple layers of sub-heads and sub-text paragraphs available. Lets you jot down an outline, rearrange or reprioritize by dragging the highlighted heading to where you want it to go. You can create many types of documents: sales reports, plan business strategies, and schedule appointments. Flow can generate the framework for all your ideas. \$99.95

New Horizons Software, Inc., 206 Wild Basin Road, Ste. 109, Austin, TX 78746, (512) 328-6650

PostDriver

PostScript printer driver. Adds true PostScript printing capabilities to all programs. Works automatically with all software. Excellent, complete text and graphics support. Full black & white as well as color support. PostDriver has many options all settable with the included preferences program. Works on all Amigas. WB1.3 & WB2.0.

No ARexx port, but ARexx can activate previously saved settings. NTSC/PAL compatible. \$49.00

Soft Service, Inc., ElectroCity, 4th Floor, SF-20520 ABO, Finland, (intl.) 358-21-6375762

ProScript

Translates files created with ProWrite into PostScript. Files can be printed on a PostScript-compatible printer or saved as a file to be printed later. Other features allow the user to reduce or enlarge the printout, choose the paper size, mailmerge documents, and control the number of gray shades used for graphics. \$49.95
New Horizons Software, Inc., 206 Wild Basin Road, Ste. 109, Austin, TX 78746, (512) 328-6650

Reason

Analyzes writing style and readability, proofreads spelling, diction, punctuation, and then suggests improvements. \$395.00

Other Guys, The, 297 E. 200 N., P.O. Box H, Logan, UT 84321, (801) 753-7620

WordPerfect 4.1 Maintenance Update

This update allows WordPerfect users to access files through a standard Amiga file requester system. This new file requester system provides powerful file management capabilities each time a file is saved or retrieved. WordPerfect users familiar with the program's original file requester can still access files by typing the path and name of the file. The update also allows WordPerfect users to import WordPerfect 4.2 PC files directly into WordPerfect for the Amiga, making it easier to transfer WordPerfect files between the Amiga and other hardware platforms. Improvements have been made to the List Files and Timed Back-Up features in WordPerfect as well as to the Spell Checker. The update also supports automatic edit buffer sizing. The WordPerfect Maintenance Update comes on three disks, and those users with problems in an earlier version who reported it to WPCorp's Amiga Customer Support Department are entitled to receive this update at no charge. \$12.50

WordPerfect Corporation, 1555 N. Technology Way, Orem, UT 84057, (801) 225-5000

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Desktop Publishing

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▼ DESKTOP PUBLISHING GENERAL ▼

AmigaTeX

Sophisticated typesetting software. Set of 12 disks with full TeX functionality, AREXX compatibility. Includes TeX, preview, inTeX, metafont, inmf, LaTeX, SlitEX, and BibTeX. Over 1500 previewer fonts. Free demo disk. \$200.00
Radical Eye Software, P. O. Box 2081, Stanford, CA 94309, (415) 322-6442
please see display ad page 28

City Desk 2.01

Create great looking newsletters, brochures, flyers, resumes, and more. Import text from most Amiga word processors and graphics from any IFF paint program, or create the text and graphics completely from within City Desk. Features include no copy protection, automatic kerning in PostScript, multiple pages on screen, text flow around irregular graphics. Supports 24 pin printer, HP Laserjet and Postscript. Also free newsletters and technical support! Version 2.01 offers support for C Ltd's Laser Express and PAL. \$129.95
MicroSearch, Inc., 9896 Southwest Freeway, Houston, TX 77074, (713) 988-2818

Comic Setter

A complete comic generator for the Amiga. Bitmap and structured graphics, layering tools, automatic text balloon generation. Includes clip art, fonts. Prints in B&W or color. \$99.00
Gold Disk, Inc., 5155 Spectrum Way, Unit 5, Mississauga, Ontario, Canada L4W 5A1, (416) 602-4000

DeluxePrint II v1.1

DeluxePrint II version 1.1 is a personal creativity program for producing and printing a variety of messages for use in the office, home or school. DeluxePrint II makes the creation of practical printouts quick and easy. It contains seven predesigned formats including signs, greeting cards, banners, letterhead, calendars, four-panel signs, and labels. The program also includes over 150 multi-colored graphics and borders, and a variety of standard Amiga and custom fonts. DeluxePrint II provides full control over every design, by allowing users to replicate, move, resize, flip, and rotate their text and graphics at will, and by providing a full-featured graphics editor for creating their own clip-art or customized graphics. In addition, DeluxePrint II can import DeluxePaint or other compatible programs to be used as background images, and supports the growing library of fonts for the Amiga. Upgrades for the DeluxePrint II 1.0 are available to customers who send in both their art and program disks to P.O. Box 7578, San Mateo, CA. 94403-7578. \$79.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

HotLinks

HotLinks takes a data file—text or graphics—and saves it in an IFF HotLink format. A program conferring to HotLinks can 'publish' files to the HotLinks library and another conferring program can 'subscribe' to that file. HotLinks is a

stand-alone product which will be sold by Soft Logik and includes HotLinks, HotLinks Library, BME—a Bit-Map Editor, and PageLiner—a fast text editor. It will come in two product forms, a single-user form, and a networkable form.
Soft Logik Corporation, 11131 S. Towne Sq. Ste. F, St. Louis, MO 63123, (314) 894-8608

PAGESETTER II

Pagesetter II, is easy-to-learn and simple-to-use because it utilizes the same intuitive user interface as Professional Page. Pagesetter II allows you to produce any type of document: newsletters, flyers, resumes, advertisements, brochures and more, with ease and speed. Text may be imported from any Amiga word processor or typed directly onto the page. Bitmap graphics can be imported from any Amiga IFF paint program and structured graphics may be taken from Gold Disk Professional Draw; and all graphics may be resized, scaled, cropped or moved. In addition, useful structured drawing tools are included in the program, allowing the user to create rectangles, ellipses, and polygons as needed. Pagesetter II will automatically convert graphics into high quality gray-scaled images. User-definable line weights and fill patterns are also included. Other features include page sizes to 8-1/2 x 14, an unlimited number of columns, four levels of magnification, rulers, grids, margins and measurements in inches, picas or centimeters. U.S. \$129.95; Canada \$149.95. \$129.95
Gold Disk, Inc., 5155 Spectrum Way, Unit 5, Mississauga, Ontario, Canada L4W 5A1, (416) 602-4000

◆ PageStream 2.1

Professional desktop publishing for the Amiga. PageStream is capable of supporting PostScript, non-PostScript, laser, dot matrix, and inkjet printers. Our outline font technology is complete with Compugraphic's hinted format, and Adobe Type 1 format. In addition, font support includes purchased Gold Disk's Compugraphic fonts and fonts from Adobe and others. PageStream also has typographical features including kerning, tagging, hyphenation, and variable x and y point sizes. In addition, PageStream has graphic features such as importing ProDraw Clips, DR2D, and IFF pictures. Features also include the ability to draw bezier curves, edit polygons, and polylines, and create your own freehand drawings. Requires 1MB of memory; 1.5MB recommended. Upgrades from 1.82 and previous are \$100. New manual and a quick reference manual are included. \$299.95
Soft Logik Corporation, 11131 S. Towne Sq. Ste. F, St. Louis, MO 63123, (314) 894-8608

◆ Pelican Press

Pelican Press lets you create giant posters, colorful banners, flyers, newsletters, cards, calendars, wrapping paper and more. Includes a full-featured paint program allowing you to create your own art or customize ours. Print in color or black and white. Print in a variety of sizes, from miniature to monumental. Amiga 500,1000,2000 series,3000. Requires 512K, 1MB rec. \$99.95
Pelican Software, A Division of Queue, Inc., 338 Commerce Drive, Fairfield, CT 06430, (203) 335-2224

◆ Professional Page 2.0

Professional Page 2.0 is versatile, easy-to-use, page layout software. Text manipulation is easier than ever with style tagging. V2.0 allows an unlimited number of style tags to be defined, controlling font, style, size, line spacing (leading), tracking, baseline shift, justification, kerning, hyphenation, and color. Pantone Matching System Support has been added, making it easy to specify any of the Pantone standardized colors. Screen and printer font scaling of AGFA

Compugraphic fonts makes the screen image and output jaggie-free, at the maximum resolution of the printer. And new for V2.0 is faster postscript printing, nearly twice the speed of V1.3. It will run on Amiga 1000, 2000, 2500, or 3000. 1MB RAM; compatible with Workbench 2.0. \$395.00
Gold Disk, Inc., 5155 Spectrum Way, Unit 5, Mississauga, Ontario, Canada L4W 5A1, (416) 602-4000

Publisher's Choice™

The Publisher's Choice Desktop Presentation Package combines KindWords 2.0 and Pagesetter 1.2 into an integrated word processor/page layout system. Also included are the Artist's Choice Artpack with over 200 IFF graphic images, and HeadLine FontsPack offering over 35 different font styles and sizes. Together, these programs provide a complete solution to desktop publishing and presentation requirements, offering capabilities for designing flyers, creating newsletters, or producing a lengthy magazine. \$199.95
Disc Company, The, 11022 Santa Monica Blvd, Ste. 440, Los Angeles, CA 90025, (213) 478-6767

Saxon Publisher

State-of-the-art professional desktop publishing software, it incorporates all standard DTP features and also provides numerous other features not available anywhere else. Extremely fast, efficient, and stable. \$360.00
Saxon Industries, 14 Rockcross Gardens, Nepean Ontario, Canada K2G 5A8, (613) 228-8043

◆ Saxon Publisher V1.2

State of the art DTP software incorporating numerous advanced functions not available anywhere else. Major features include full dot-matrix support, direct support for ProWrite and Excellence! patent pending APEX™ color separation technology, true WYSIWYG PostScript preview, PostScript compression routines for faster output, full support for all PostScript downloadable fonts as well as Compugraphic and Adobe Type 1 fonts from Soft-Logik's PageStream, and Gold Disk's Professional Page. Requires minimum 1MB and two disk drives. \$395.00
Saxon Industries, 14 Rockcross Gardens, Nepean Ontario, Canada K2G 5A8, (613) 228-8043

◆ SaxonScript Professional

A powerful PostScript Interpreter designed to provide users with a host of indispensable PostScript utilities. Features include the support of all standard Preferences printers, including color printers; the implementation of all PostScript operators; a standard set of fonts matching those commonly found on PostScript printers; supports for all downloadable PostScript fonts; true virtual memory and delayed printing options; PostScript compression routines plus so much more! Requires 512K of memory. \$130.00
Saxon Industries, 14 Rockcross Gardens, Nepean Ontario, Canada K2G 5A8, (613) 228-8043

▼ DRAWING PROGRAMS ▼

DesignWorks

Structured drawing for the Amiga. DesignWorks has fast redrawing and an intuitive interface which makes it very easy to use. Features include 'smooth' (Bezier) curves, multiple drawing layers, flexible text handling using any Amiga font or font size, user definable multi-color patterns, and support for drawings up to 100 by 100 inches in size. High quality printing options let you produce near-Post Script quality results using dot-matrix printers. Includes AREXX port, with a complete macro language. DesignWorks tracks

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Last Minute Additions

full 12-bit color (4096 colors) and automatically adapts to any screen color palette. Can import and export as IFF pictures. Compatible with all graphics capable program on the Amiga. Requires 512K of memory and Kickstart 1.2 or later. \$125.00

New Horizons Software, Inc., 206 Wild Basin Road, Ste. 109, Austin, TX 78746, (512) 328-6650

◆ Draw 4D-Pro

Same features as Draw 4D, but enhanced for video applications. IFF bitmap wrapping. Gouraud value and/or color interpolative shading. Unlimited light sources that can be bitmapped and change intensity/color during an animation. New animation multi-level deform mode. An easy to use eye path for architectural walk-throughs. Compressed 24 bit IFF saves. Enhanced tools. Many more features. Super-Fast render times, often under 2 minutes. Available May, 1991. \$349.00

Adspec Programming, 1405 N. Ellsworth Ave., Salem, OH 44460, (216) 337-3325

◆ Draw4D

3-D graphics and animation. Real time direct window into 3-D space. Elegant wide angle, zoom, rotation controls. Full mouse, menu, gadget, keyboard support. Fully multitasking. Handles polygons of any number of sides. No scripts are required for animation. Preview animations at the touch of a key. A wide range of powerful tools. Interruptable Z-buffer redraw averages 30 sec./framw. Saves in IFF and ANIM formats. Directly saves fully shaded Professional Draw Clips in grey scale or full color. The ultimate desktop publishing drawing aid. Both regular and math coprocessor versions included. \$249.00

Adspec Programming, 1405 N. Ellsworth Ave., Salem, OH 44460, (216) 337-3325

Laser Up! Draw

PostScript screen drawing and illustration package duplicates most PostScript drawing func-

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Laser Up! Software, 889 De Haro St., San Francisco, CA 94107, (415) 826-6193

Professional Draw 2.0

Professional Draw 2.0, an object-oriented color graphic design and illustration tool, has a five-fold increase over previous releases. It has an AutoTracing feature that can generate objects by automatically tracing over bitmapped graphics. Professional Draw 2.0's proprietary object manipulation algorithms can also 'blend' any two objects, colors, or lines-by automatically drawing extra transitional images. Added features include the ability to write text along curves and perform color dithering, which yields over 1000 apparent colors on screen at once in hires mode. Images output to the highest resolution of your 9-or 24-pin dot matrix, InkJet, LaserJet, or PostScript printer. \$199.95

Gold Disk, Inc., 5155 Spectrum Way, Unit 5, Mississauga, Ontario, Canada L4W 5A1, (416) 602-4000

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AMIZOO

Made expressly for DTP use (though these brushes also work well as video components), these 8- and 16-color hi-res brushes are the first of dozens of volumes to follow. The first three disks focus upon Frogs, Fish, and Birds. Each disk is packed with images, and the brushes are deftly cut out of their backgrounds, guaranteeing clean placement on the printed page, and options as to overlapping in both DTP and video use. They can be used

with any Amiga paint program that accepts hires IFF's. Three disks. \$44.95
Eye/Tower Comm./Earful Tower Prod., 15 Rockydale, Bristol, VT 05443, (802) 453-4293

Aegis Express Clip Art #1

Hi-res clip art for Aegis Express Paint 3. Includes over 50 patterns and background brushes of office-related images, as well as borders for certificates, ads, or newsletters. \$29.95
Oxxi/Aegis, 1339 E. 28th Street, Long Beach, CA 90806, (213) 427-1227

◆ Amiga Clip Art Library

Twenty-five disks of full-color clip art. The library contains Amiga IFF clip art in eight color medium resolution. Each disk contains clip art for a particular subject so buyers can target just the disks they wish to purchase, or make substantial savings by purchasing the whole library. All graphics are original. The library will be expanded to include more clip art and a library of sound effects in the near future.

Digitgraphic Ltd., 1 The Terrace, High Street, Lutterworth, Leicestershire, England LE17 6BA, 011-45-555-8855

Art Gallery I & II

Supplemental clip art for PrintMaster Plus with 140 graphics, mixed themes. \$39.95
Unison World, 1321 Harbor Bay Parkway, Alameda, CA 94501, (415) 748-6670

Art Gallery: Fantasy

Fantasy theme supplemental clip art for PrintMaster with 120 graphics. \$29.95
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City Desk Art Companion Vol. 1: People and Technology

200 med-res images of people in various occupations, as well as objects from Amigas to weapons. \$29.95

MicroSearch, Inc., 9896 Southwest Freeway, Houston, TX 77074, (713) 988-2818

City Desk Art Companion Vol. 2: Banners, Borders and More

Two disks of 200 high-res IFF graphic images, including banners, scrolls, billboards, silhouettes, and more. \$29.95

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Two disks of 200 high resolution IFF graphic images including textures and patterns to be used as backgrounds or fill patterns. \$29.95

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City Desk Art Companion Vol. 4: Holidays and Sports

200 medium resolution IFF graphic images of holidays and sports. \$29.95

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◆ Color Clip Art Vol.I-General

More than 200 color bitmapped images in Amiga IFF (ILBM) format for use in paint, desktop publishing, hypermedia, etc. Includes 20-page manual with instructions, index, and a printed sample of each image. Hi-resolution images. \$29.95
Software Designs O. Box 25, Lemont, IL 60439, (803) 951-6366

◆ Color Clip Art Vol.II-Holiday

Color, bitmapped images on Christmas theme. Includes 'tree decorating kit,' a 'nativity construction kit,' and an assortment of full-screen pictures especially for making greeting cards. \$29.95

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◆ Color Clip Art Vol.III-Animals

Color, bitmapped images in 10 categories of animals—most anti-aliased, realistic; for use in paint, DTP, hypermedia, etc. Includes a 16-page manual

nū-ānce', n. a delicate degree of difference.

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Comic Art-Science Fiction

Science fiction clip art Comic Setter with body parts, backgrounds, and props. Can be used with any IFF program. \$34.95
Gold Disk, Inc., 5155 Spectrum Way, Unit 5, Mississauga, Ontario, Canada L4W 5A1, (416) 602-4000

Comic Art-Super Heroes

More clip art for Comic Setter. Two-disk module features Super Heroes. Can be used with any IFF program. \$34.95
Gold Disk, Inc., 5155 Spectrum Way, Unit 5, Mississauga, Ontario, Canada L4W 5A1, (416) 602-4000

Comic Art-Funny Figures

Professionally-drawn clip art for Comic Setter featuring looney-toon-style figures, backgrounds, and props. Can be used with any IFF program. \$34.95
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LUNAR Construction Disks

Create your own fantastic scenes of lunar landscapes, tumbling asteroids, and sparkling stars on the Amiga with these high-quality, full-color images. This two-disk set contains over 200 pictures, brushes, and ANIM brushes—your only limitation will be your imagination. \$25.00
Silver Fox Software, P.O. Box 551413, Dallas, TX 75355-1413, (214) 349-1681

◆ Midnight Graphics DTP

Midnight Graphics DTP is a collection of original IFF artwork, most suitable for desktop publishing applications. \$29.95
Computer Support, P.O. Box 463, Salem, OR 97308, (503) 743-4449

PIC-MAGIC™—EPS Version

The entire PIC-MAGIC collection in Encapsulated PostScript version for desktop publishing. Usable with PageStream, Professional Page, and any other PostScript-capable Amiga DTP programs. Infinite resizing with no jaggies! \$99.95
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Pixelations' PostScript Series: Typographers' Ornaments Volume 1,2,3,6,&7.

These are Amiga Encapsulated PostScript clip art, including both IFF screen representations and the EPS code. The ornaments themselves are structured drawing versions of traditional printers' illustrations; very distinctive, highly versatile, and well-suited for repeated use. They can be used with PixelScript or any PostScript printer. \$65.00
Pixelations, Inc., P.O. Box 547, Northboro, MA 01532, (508) 393-7866

PostScript® FUN (3-Disk Set)

Low-cost structured clip art disk plus two disks of 26 PostScript fonts for low-risk experimentation with Amiga PS programs. PS fonts converted from BMUG library disks 1-12 (BMUG is Mac's version of Fred Fish library) to Amiga, PPage compatibility, includes screenfonts and metrics. Original art disk in PDraw/PPage format includes OpArt, Deco, and geometrics geegaws, dingbats, borders, and ornaments. \$30.00
Lion's Amiga Art Studio, P.O. Box 42252, San Francisco, CA 94102, (415) 863-1781

Pro-Quality Clip Art PGS. Struct.#1

Pro-Quality Clip Art, 100% PageStream compatible structured drawings. Aegis format. Includes symbols, holidays, U.S. map, and airplanes. One disk. No jaggies. \$19.95
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Over 70 Aegis-format, structured drawings of early and modern airplanes—from the Fokker to the F14, with 100% Professional Page compatibility. No jaggies. \$19.95
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Aegis-format, structured drawings. Symbols V2, cartoons V2, Sports V1, and Animals V1, with 100% Professional Page compatibility. Five disks, 450 drawings. No jaggies. \$99.95
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Pro-Quality Structured PreHistoric Animals

Twenty-four Aegis format, structured drawings of prehistoric creatures, with 100% compatibility with Professional Page. No jaggies. \$19.95
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◆ Professional ClipArt Vol.1

Structured clipart for the Commodore Amiga, for use with desktop publishing and structured art programs, like Professional Page, Professional Draw, PageStream 2.1. Includes images on Australian themes. \$49.00
Desktop Utilities, P.O. Box 3053, Manuka, Australia ACT 2603, (011) 06-239-6658

QUICK-ART™ Borders & Vignettes 2.1

A newly upgraded 2-disk set designed especially for desktop publishing and print-style applications. The Quick-Art collection includes over 60 decorative black and white 'brush-format' illustrations for announcements, invitations, memos, newsletters, cards, or menus. There are also 100 borders tops and bottoms, 30 side borders, over 20 color illustrations, and a 30-page manual and reference guide. Requires 512K RAM. \$39.95
CLASSIC CONCEPTS Futureware, P. O. Box 786, Bellingham, WA 98227-0786, (206) 733-8342

◆ Scannery

Scannery is a software/hardware package that interfaces the HP Scanjet series of flatbed scanners. High quality images may be scanned in resolutions from 12 to 1500 dpi in black and white, four dither patterns, or in 16 or 256 greyscales. The images can be saved in a rich variety of formats for inclusion in any desktop publisher on most computers, or faxed out through the Aefax/modem. It features ease of use and installation. \$250.00
Concise Logic, 36 Tamarack Ave., Ste. 315, Danbury, CT 06811, (203) 746-6739

SilverClips

SilverClips is a unique gallery of B & W IFF images from Creative Focus. Two disks, with a total of 18 original hi-res graphics, provide unusual perspectives on the urban landscape and beauty in unlikely places. The photographic-quality pictures are compatible with any Amiga paint, image processing, video, or desktop publishing program. \$30.00
Creative Focus, P.O. Box 580, Chenango Bridge, NY 13745-0580, (607) 648-4082

◆ Structured Clip Art #1

One full disk of Structured Clip Art for use in ProPage, ProDraw and PageStream 2.1. No jaggies! These clips are black and white and can be easily edited or colored using ProDraw. Disk One contains Electric Guitars, Skulls, Tropical Fish, World Peace, and Sportsman's Clips. \$17.50
Lazer Tech Ink, P.O. Box 9471, Anaheim, CA 92812, (714) 772-8428

SuperClips

Structured clip art for use with desktop publishing software like Professional Page, Professional Draw, PageStream, PixelScript, and others.

Grayscale images may be colored to taste for jaggies-free printing as full color separations, grayscale, or black and white. Images may be resized at will without loss of definition for magazine quality output. Highly detailed art features professional quality not found in simple silhouette cutout clip art. Unusual images unique to the marketplace guarantee the personal touch to your publications. Very modern, very affordable, very professional art in useful categories: High Tech, Domestic, Plants, Unusual Symbols, Kitchen, Celestial, Transport, and Borders. Hundreds of objects can also be re-assembled for custom creations using Professional Draw (Gold Disk). 3-D effects used throughout for visual impact. Encapsulated Postscript Format (EPSF) compatible. \$29.95

King Publishing, 1200 Treadway #226, Austin, TX 78704, (512) 448-2414

The Super Sample Disk

Includes samples of both Aegis-Format Structured Drawings and IFF hi-res MultiScreens. Decide yourself which format is best tailored for your project—DTP, DTV, bitmap graphics, etc. \$6.00
Hi! Tech News, 86 Lanvale Avenue, Asheville, NC 28806, (704) 252-4933

The World Symbol Library Volume 1

Volume 1 contains: A) Egyptian Line Art & Grayscale; B) Egyptian Line Art, Halftones, and HAM, and C) Celtic 300 dpi Line Art. The world is full of mystic and sacred visual symbols. Some are common to the cultures that have created them, while others remain arcane and mysterious. With this growing library of 200 and 300 dpi symbols, as well as grayscale images and others in full color, Amiga users will have a chance to increase the visual attractiveness and impact of their DTP works, as well as to integrate these symbols with video projects. There is no end to their usefulness, and no serious Amiga DTP library should be without them. Three-disk set. \$44.95

EyeFullTower Comm. / EarFullTower Prod., 15 Rockydale, Bristol, VT 05443, (802) 453-4293

The World Symbol Library Volume 2

Volume 2 contains: A) Babylon, Assyrian, Egyptian, Chinese, Greek-Roman, Taoist, Gnostic, and other symbols; B) Egypt Astrological, Goddess, Hindu, Nordic, Buddhist, Medieval, Islamic, and Japanese; and C) Alchemical Symbols. The world is full of mystic and sacred visual symbols. Some are common to the cultures that have created them, while others remain arcane and mysterious. With this growing library of 200 and 300 dpi symbols, as well as grayscale images and others in full color, Amiga users will have a chance to increase the visual attractiveness and impact of their DTP works, as well as to integrate these symbols with video projects. There is no end to their usefulness, and no serious Amiga DTP library should be without them. Three-disk set. \$44.95

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The World Symbol Library Volume 3

Volume 3 contains: A) Hebrew and Christian; B) Astronomy and Astrology; C) Vedic, Hindu, Taoist, Confucian. The world is full of mystic and sacred visual symbols. Some are common to the cultures that have created them, while others remain arcane and mysterious. With this growing library of 200 and 300 dpi symbols, as well as grayscale images and others in full color, Amiga users will have a chance to increase the visual attractiveness and impact of their DTP works, as well as to integrate these symbols with video projects. There is no end to their usefulness, and no serious Amiga DTP library should be without them. Three-disk set. \$44.95

EyeFullTower Comm. / EarFullTower Prod., 15 Rockydale, Bristol, VT 05443, (802) 453-4293

The World Symbol Library Volume 4

Volume 4 contains: A) Mayan, Aztec, Incan; B) Imaginary and Misc.; C) North American Indian and others. The world is full of mystic and sacred visual symbols. Some are common to the cultures that have created them, while others remain ar-

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The World Symbol Library Volume 5
 Volume 5 contains: A) Greek, Roman, Germanic, Assyrian; B) Minoan, Celtic, And Buddhist grayscale symbols. The world is full of mystic and sacred visual symbols. Some are common to the cultures that have created them, while others remain arcane and mysterious. With this growing library of 200 and 300 dpi symbols, as well as grayscale images and others in full color, Amiga users will have a chance to increase the visual attractiveness and impact of their DTP works, as well as to integrate these symbols with video projects. There is no end to their usefulness, and no serious Amiga DTP library should be without them. Three-disk set. \$44.95
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 Texture wrapping is a technique made possible by the computer art medium. With it, textures and pictures can be wrapped on any 3-D or pseudo-3-D surface, giving forms the look and feel of the textures placed upon them. The results are often spectacular, and always amazing, especially on the Amiga. These volumes represent the most diverse and unique library of texture maps anywhere, and were created with the Amiga artist, animator, and desktop publisher in mind. Some are in HAM color, in grayscale hi-res, and in sharp black and white. The volumes are separated according to subject area of the topic. WRAP SESSION 1 contains: A) OP-ART Wraps, B) OP-ART Wraps, C) a free art disk. WRAP SESSION 2 contains: A) OP-ART Wraps, B) OP-ART Wraps and grayscales. WRAP SESSION 3 contains: A) Scanned Wraps of Crochet Patterns, B) Scanned Wraps of Crochet Patterns. WRAP SESSION 4 contains: A) Amish Quilt Wraps, B) HAM Flower Wraps. WRAP SESSION 5 contains: A) Wraps of Electron-microscope wood patterns, B) More Crochet Wraps and Electron-microscope wood patterns. WRAP SESSION 6 contains: A) HAM Natural Wraps: Wood, gravel, rock, and other surfaces, B) More HAM Natural Wraps. WRAP SESSION 7 contains: Additional Natural Wraps, B) Additional Natural Wraps. WRAP SESSION 8 contains: A) Full color Sky Wraps, which give the illusion of living planets when texture mapped on spheres, B) more Sky Wraps. Each two-disk set is sold separately for \$79.95.
EyeFull Tower Comm. / Earful Tower Prod., 15 Rockydale, Bristol, VT 05443, (802) 453-4293

◆ **World Symbol Library Vol.6**
 Volume 6 focuses upon grayscale images configured from 24-bit scans at 200 dpi. Subjects include Egyptian, Buddhist, and other world icons. One disk features 16- color hi-res images. Three-disk set. \$44.95
EyeFull Tower Comm. / Earful Tower Prod., 15 Rockydale, Bristol, VT 05443, (802) 453-4293

◆ **World Symbol Library Vol.7**
 Anyone ordering this package must show proof that they are 18 years or older. This four-disk set focuses upon 'sexual symbols of the world' and covers a host of cultures and time periods. The material varies from black and white, to grayscale, to full color, and is suitable for both DTP and DTV use. \$99.95
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 Structured clip art in ProDraw format. Requires ProDraw or Professional Page 1.2 or higher. PostScript device required for output with ProPage. Over 300 pieces of high quality black and white clip art on four disks. No jaggies. \$99.00
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▼ FONTS ▼

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CLASSIC CONCEPTS Futureware, P. O. Box 786, Bellingham, WA 98227-0786, (206) 733-8342

◆ DJ Fonts Volume II

DJ Fonts Volume II is another three-disk collection of downloadable HP DeskJet soft fonts. It contains 64 different fonts spread among 17 different typefaces, including Rockland and Amertype, and 10 varieties each of Hollow, Shadow, and Obverse Shadow fonts. Point sizes are from 10 to 30. Most are proportional, and more than two-thirds are one- or two-pass fonts that can be used with any DeskJet. \$20.00
Creative Focus, P.O. Box 580, Chenango Bridge, NY 13745-0580, (607) 648-4082

DJFonts Volume I

DJ Fonts Volume I is a three-disk collection of 76 downloadable soft fonts for the HP DeskJet. The 27 different typefaces include Roman, Helv, Big City, Centrum, Garamet, Optimis, and Symbols. The fonts range in size from 4 to 40 point, and feature 24 different 18-point fonts. Most are proportional, one- or two-pass fonts that can be used with any DeskJet, and include normal, bold, upright, and italic styles. \$20.00
Creative Focus, P.O. Box 580, Chenango Bridge, NY 13745-0580, (607) 648-4082

◆ Esperanto PS

Takes 'x' 'txt' or 'ps' files from either Pro Page or excellence as input. Outputs an edited version which will allow display of special user-defined PostScript characters for which no PostScript font yet exists. Comes pre-configured for Esperanto language. \$20.00
Kalamazua Progresantaro, 224 Rose Place, Kalamazoo, MI 49001-2617, (616) 349-1327

Fonts & Borders

Forty supplemental fonts and borders for PrintMaster Plus, and free upgrade disk for original PrintMaster. \$34.95
Unison World, 1321 Harbor Bay Parkway, Alameda, CA 94501, (415) 748-6670

Fontset 1

Fonts include Times, Helvetica, and Courier. With several point sizes. \$34.95
Gold Disk, Inc., 5155 Spectrum Way, Unit 5, Mississauga, Ontario, Canada L4W 5A1, (416) 602-4000

◆ Gold Disk Type

A collection of Compugraphic outline fonts consisting of four separate packages of three fonts each for use in Amiga-based desktop publishing, video titling, and word processing. Available packages include the Publisher Pack with Garamond Antiqua, Futura Book II and Antique Olive; the Designer Pack with CG Bodoni Book, Extended and Park Avenue; the Decorative Pack with Brush, Cooper Black, and Letraset Revue Shadow; and the Video Pack with Bolf II, Clarendon, and Dom Casual. \$59.95
Gold Disk, Inc., 5155 Spectrum Way, Unit 5, Mississauga, Ontario, Canada L4W 5A1, (416) 602-4000

Laser Up! Fonts Vol. 1

Three new downloadable analytic fonts for PostScript printers. Round, Classic, and Showtime, from two points to at least 64,000. Professional-Page (Gold Disk) compatible. Also, now includes screen versions of each font plus Adobe Font Metric files (AFM) and ProPage metric files, and a ProPage install script file. \$49.95
Laser Up! Software, 889 De Haro St., San Francisco, CA 94107, (415) 826-6193

MIFont

Introducing MIFont, the PostScript screen font converter. Converts Macintosh PostScript screen fonts to standard Amiga bitmap/Professional Page, metric file formats. MIFont is extremely easy to use and contains powerful font management functions for maintaining large font libraries.

Version 1.1, now shipping, also converts Mac or IBM printer fonts into a downloadable PostScript format. In addition, The Adobe Screen Font Library (over 600 fonts) is available from Mirror Image at PD prices! Call to order. MIFont 1.0-\$79.95, MIFont 1.1-\$105.00. \$79.95
Mirror Image Productions, 30 Aurora Court Ste. 1209, Scarborough Ontario, Canada M1W 2M3, (416) 495-7469

◆ Midnight Fonts DTP

Original fonts for various applications. This is the desktop publishing set of the Midnight Font series. \$29.95
Computer Support, P.O. Box 463, Salem, OR 97308, (503) 743-4449

Newsletter Fonts, Vol. I

Over 100 fonts designed by Andre Page. Roman and Helvetica are ideal for mapping to PostScript laser printer as screen representation fonts. \$46.25
Interactive Softworks, 2521 S. Vista Way, Ste. 254, Carlsbad, CA 92008, (619) 434-5327

Outline Fonts

These high-quality AGFA Compugraphic outline fonts are designed for use with Professional Page v1.3 and higher as well as Professional Draw. All are postscript compatible which will output to the highest resolution of any type of printer. Also included is a utility to allow you to convert these fonts to standard Amiga bitmap fonts. \$20.00
Gold Disk, Inc., 5155 Spectrum Way, Unit 5, Mississauga, Ontario, Canada L4W 5A1, (416) 602-4000

PROGRAFIX SOURCE Benchmark Fonts

PROGRAFIXSOURCE Benchmark Fonts are high quality collections of classic and contemporary display fonts designed to add dynamic high visibility impact to your projects, whether used alone or as a supplement to text fonts already available for the Amiga. The PROGRAFIX SOURCE Benchmark Font series currently includes the following collections, priced at \$47.95 each: Society Hand Benchmark, Font Collection Quick Hand, Benchmark Font Collection, Art Deco Benchmark Font Collection, King's Quill Benchmark Font Collection, Cleric's Quill Benchmark Font Collection, GraphiCraft Benchmark Font Collection, and Free Flow Benchmark Font Collection. \$47.95
PROGRAFIX SOURCE, 3827 South 58th Court, Cicero, IL 60650-4212

◆ PageStream Disk A

Disk A contains screen font files and font metric files for 11 fonts. This package does not include the outline font files. The 11 fonts are Avant Garde, Bookman, Chancery, Courier, Dingbats, Helvetica, Helvetica Narrow, Palatino, Schoolbook, Symbol, and Times. This package is for PostScript printer users only. \$39.95
Soft Logik Corporation, 11131 S. Towne Sq. Ste. F, St. Louis, MO 63123, (314) 894-8608

◆ PageStream Font Pack 1

Font Pack 1 contains outline font files, screen font files, and font metric files for 14 fonts. The 14 fonts are Athena, Calgary, Circus, Devoll, Elegance, Keyboard 2, LinePrinter, LucisSans, PageStream, Roman Bookface, Spokane, Thames, WestSide, and Zip. \$75.00
Soft Logik Corporation, 11131 S. Towne Sq. Ste. F, St. Louis, MO 63123, (314) 894-8608

◆ PageStream Plus Pack

The Plus Pack contains outline font files, screen font files, and font metric files for 11 fonts. The 11 fonts are Avant Garde, Bookman, Chancery, Courier, Dingbats, Helvetica, Helvetica Narrow, Palatino, Schoolbook, Symbol, and Times. \$75.00
Soft Logik Corporation, 11131 S. Towne Sq. Ste. F, St. Louis, MO 63123, (314) 894-8608

Pixelations' PostScript Series; Typeface Volumes One-Six

Each volume contains three to four PostScript Fonts each; PostScript fonts, are infinitely scalable for the widest possible range of point sizes. Complete Amiga support files and bitmaps are included for Professional Page, PageStream,

excellence!, ProWrite/ProScript, PageSetter/LaserScript, City Desk 2.0, and Shakespeare. An Intuition installation utility allows automated installation of correct support files for the packages used. Can be used with PixelScript or PostScript printer. \$70.00
Pixelations, Inc., P.O. Box 547, Northboro, MA 01532, (508) 393-7866

ProFonts: Volume I

High quality fonts for use with ProWrite™. Package includes System Mover to move fonts and other system fonts from disk to disk, and allows you to install fonts on the Workbench disk. \$34.95
New Horizons Software, Inc., 206 Wild Basin Road, Ste. 109, Austin, TX 78746, (512) 328-6650

ProFonts: Volume II

High quality, decorative fonts give visual appeal to ProWrite™ documents. Package includes System Mover to move fonts and other system fonts from disk to disk, and allows you to install fonts on the Workbench disk. \$34.95
New Horizons Software, Inc., 206 Wild Basin Road, Ste. 109, Austin, TX 78746, (512) 328-6650

◆ SHADOWMAKER

An Intuition-based font shadow and anti-aliasing generator. Using a WYSIWYG real time interface, Antialiasing and background Shadows are added to normal Amiga fonts. Total Load/Convert/Save times are under one minute. Extremely easy to use, no prior experience required. Requires Amiga 500/1000/2000/2500/3000; Workbench 1.3 or higher; 1MB RAM; Workbench 2.0 Compatible. \$24.99
L & V Productions Reg'd, 110 Columbus Ave., Moncton, New Brunswick, Canada E1A-5E4, (506) 532-0094

▼ FORMS ▼

Award Maker Plus

Easy to follow program creates awards, certificates, licenses, coupons, or other documents you design. Program prints hundreds of pre-designed award styles, allowing you to choose text style, enter your own message, and select the border style and color. In some styles, you can enter your own hi-res picture. Features professionally designed color and B&W borders, gold embossed press-on seals, and class name file capability. \$49.95
Baudville, 5380 52nd St. SE, Grand Rapids, MI 49512, (616) 698-0888

◆ QwikForms™

Qwikforms consists of over 100 different forms and layouts for PageStream. Forms are included for business, legal, and real estate. Save time with ready-made layouts and templates for invoices, ledgers, newsletters, resumes, stationery, charts, menus, wills, invitations, cards, booklets, flyers, etc. Also included are architectural symbols for floor plans, logos for business stationery, and two disks of clip art. \$39.95
Sterling Connection, The, P.O. Box 4850, Berkeley, CA 94704, (415) 655-2355

Ultra-Forms™ Volume I PageStream™

High-quality professional business forms for use with PageStream™ and over 60 forms are included. These forms are ready to be printed after some slight modifications to personalize the form. \$29.95
Corwyn International, 977 Seminole Trail, Charlottesville, VA 22901, (804) 974-1690

Ultra-Forms™ Volume I Professional Page™

High-quality professional business forms for use with Professional Page™ and over 60 forms are included. These forms are ready to be printed after some personalization by the user. \$29.95
Corwyn International, 977 Seminole Trail, Charlottesville, VA 22901, (804) 974-1690

Graphic Arts
Desktop Video
Word Processing
Desktop Publishing
Music
Education
Business & Home Productivity
Programming
Utilities
Entertainment
Miscellaneous Software
Drives
Memory Expansion
Accelerators
Video Hardware
Miscellaneous Hardware
Accessories & Services
Books & Tapes
CDTV
PDS Guide
AMICUS Index
Fred Fish Index
Vendor/Product Registration
AC Back Issue Index
User's Groups
Vendor Information
Product Index by Product
Product Index by Vendor
Category Index
Last Minute Additions

▼ PRINT UTILITIES ▼

360 dpi Fonts

Complete set of 360 dpi fonts for the NEC 24-pin printers. Requires the NEC P6 driver and AmigaTeX, 10 disks. \$75.00
Radical Eye Software, P. O. Box 2081, Stanford, CA 94309, (415) 322-6442
please see display ad page 28

Epson FX Printer Driver

AmigaTeX driver and fonts for the Epson FX, MX, JX, and compatible series of printers. Also includes separate driver for almost all Epson-compatible printers, 10 disks. \$100.00
Radical Eye Software, P. O. Box 2081, Stanford, CA 94309, (415) 322-6442
please see display ad page 28

FinePrint

Multiple gray-shade print program works with most dot-matrix printers. Makes highly-detailed prints with true shades of gray. Makes near-photograph-quality prints. Makes postage-stamp sized as well as mural-sized prints. Mouse-oriented and easy to use. \$49.95
Designlab, P. O. Box 419, Owego, NY 13827, (607) 687-5740

ImageWriter II

Driver AmigaTeX driver for the ImageWriter II, 2 disks. \$100.00
Radical Eye Software, P. O. Box 2081, Stanford, CA 94309, (415) 322-6442
please see display ad page 28

Laser Printer Drivers

AmigaTeX laser drivers. Includes drivers for 300 dpi PostScript printers, the HP LaserJet Plus and Series II, the QMS Kiss and SmartWriter, and the HP DeskJet printers, with 8 disks. \$100.00
Radical Eye Software, P. O. Box 2081, Stanford, CA 94309, (415) 322-6442
please see display ad page 28

Laser Up! Plot

Converts Aegis Draw and Draw Plus drawings to PostScript. \$49.95
Laser Up! Software, 889 De Haro St., San Francisco, CA 94107, (415) 826-6193

Laser Up! Print 1.2

PostScript image printing system with many features. WYSIWYG scaling and translation landscape or portrait. Unlimited x and y printed image scaling. Wide variety of borders and halftone screen types selectable from menu. Four color process separations with targets-positives or negatives. You can save images as PostScript text files, which can be used with any operating system, or send them directly to any PostScript printer or typesetting machine. It's completely menu-driven with many features. \$89.95
Laser Up! Software, 889 De Haro St., San Francisco, CA 94107, (415) 826-6193

Laser Up! Utilities Vol. 1

PostScript procedures for typesetting. Standardized formatting commands for many functions. New Intuition user interface. \$39.95
Laser Up! Software, 889 De Haro St., San Francisco, CA 94107, (415) 826-6193

NEC P6 Driver

AmigaTeX drivers and fonts for the NEC P6/P7 series of printers and the Epson LQ series of 24-pin printers with 6 disks. \$100.00
Radical Eye Software, P. O. Box 2081, Stanford, CA 94309, (415) 322-6442
please see display ad page 28

PSFont 2.0

PSFont 2.0, the Adobe Postscript™ font downloader for the Amiga allows the user to tap into the many font styles currently available to the MS-DOS and Macintosh communities. PSFont 2.0 allows the Amiga Desktop Publisher to download Type I (Adobe) and Type III (PostScript™ compatible) fonts to a PostScript device (laser printers, imagesetters, etc.). PSFont can down-

load multiple fonts, through both series and parallel interfaces, limited only by the amount of existing memory on the printer. Full CLI, Workbench and TASS support. PSFont 2.0 can automatically generate properly spaced metric files for Professional Page, Saxon, and PageStream. PSFont is Workbench 2.0 compatible. \$139.95
Canadian Software Developers, 4 Caithness Avenue, Toronto, Ontario, Canada M4J 3X7, (416) 466-6450

PageSetter LaserScript

Allows printing PageSetter documents on PostScript laser printers or typesetters. Lets you scale, rotate, and translate upon output. Can also overlap multiple pages on a single output page. \$44.95
Gold Disk, Inc., 5155 Spectrum Way, Unit 5, Mississauga, Ontario, Canada L4W 5A1, (416) 602-4000

Palette Printer

Hard copy output can closely match your RGB monitor colors. P.P. is a carefully designed color match and color selection system for the Amiga artists and graphic designers. 30 IFF files print 850 color swatches to any color printer. Compare these P.P. color charts to any process printers color match system of your computer monitor to select color settings in any Amiga paint or desktop publishing program to create a matching color. Create professional product design models or graphic design approval layout. Or, simply use the P.P. charts as the fastest reference utility to pre-select color settings for precise hard copy results. \$29.95
Ontological Survey, P.O. Box 17488, Milwaukee, WI 53217, (414) 332-1818

PixelScript V1.1

PixelScript brings the power of PostScript to your Preferences printer, at any resolution your printer supports. PixelScript comes with equivalents to the two leading font families (Times and Helvetica). PixelScript supports Encapsulated PostScript clip art for truly professional desktop publishing. Additional fonts, clip art, and utilities available. \$149.00
Pixelations, Inc., P.O. Box 547, Northboro, MA 01532, (508) 393-7866

Pixelations' PostScript Series; PostScript Printer Utilities

This disk contains six utilities which facilitate the use of PostScript printers with Amigas. Included: Download Fonts; Print-a-PostScript File; List Printer-Resident Fonts; and several methods for manipulating the automatic sending of fonts within a document. \$65.00
Pixelations, Inc., P.O. Box 547, Northboro, MA 01532, (508) 393-7866

Pixelations' PostScript Series; Sample Disk

This contains three PostScript fonts, including one intended to aid in technical documentation for Amiga products; 20 pieces of clip art, much of it Amiga-related; and a utility to generate Zoomed text to the user's specifications. \$65.00
Pixelations, Inc., P.O. Box 547, Northboro, MA 01532, (508) 393-7866

PostDriver

PostScript printer driver. Adds true PostScript printing capabilities to all programs. Works automatically with all software. Excellent, complete text and graphics support. Full black & white as well as color support. PostDriver has many options all settable with the included preferences program. Works on all Amigas. WB1.3 & WB2.0. No ARExx port, but ARExx can activate previously saved settings. NTSC/PAL compatible. \$49.00
Soft Service, Inc., ElectroCity, 4th Floor, SF-20520 ABO, Finland, (intl.) 358-21-6375762

PrintMaster Plus

Graphic printing program. Includes clip art, fonts, and more. \$39.95
Unison World, 1321 Harbor Bay Parkway, Alameda, CA 94501, (415) 748-6670

Professional Page Templates and Design Guide

This package contains over 50 professionally-designed, pre-configured templates for Professional Page, as well as a 48-page design manual full of useful design and layout tips. Type specifications—typeface, size, style, justification, text run-around, and more—is all pre-set. Just flow in copy and print. This is extremely useful for those beginning desktop publishing, or others with limited time to devote to design details. \$59.95
Gold Disk, Inc., 5155 Spectrum Way, Unit 5, Mississauga, Ontario, Canada L4W 5A1, (416) 602-4000

Pure Color

Pure Color is a collection of printer palettes designed for graphic artists or anyone with a need for color hard copies. Each IFF screen holds 32 different colors that can be printed to give the Amiga artist a convenient color chart for quick reference. Each color is clearly labelled with the numeric setting for RGB. There are over 500 different color settings as well as numerous dot pattern settings and a Quasi-HalfBrite chart. PURE COLOR is a collection of IFF compatible screens that are used as a color reference guide, and works well with any type of printer. Designed by graphic artists using DeluxePaint II. \$24.95
Graphic Design Studio, 417 Transcontinental Drive, Metairie, LA 70001, (504) 455-0341

Shinko & Mitsubishi

Preferences 1.3 Printers Drivers

We offer a complete line of thermal color printer drivers for the Mitsubishi and Shinko A&B size color printers. They are 100% Amiga Preferences 1.3 drivers. \$133.00
ACDA Corporation, 220 Belle Meade Ave., Setauket, NY 11733, (516) 689-7722

Window Print II

Consists of three separate programs: Window Print, Snatch, and IFFIcon. In Window Print, load, print or save icons, BASIC output and paint programs. POSTER lets you clip and print a poster size print of any IFF picture or window. Install Snatch at startup and have a convenient HOT KEY to snatch the screen to an IFF file, captures stills from most animation. IFFIcon converts clipped pictures into ICONS for any Workbench object. Use two images, and icon changes when selected. \$34.95
T & L Products, 2654 Wilson Street, Carlsbad, CA 92008, (619) 729-4020

▼ TUTORIAL ▼

◆ Buddy System for PageStream

A tutorial interface for PageStream, that is activated with a simple press of the helpkey. Help information is displayed directly on the PageStream screen. Hypertext files and audio-visual demonstrations are presented. Requires at least 1.5 meg, two drives and PageStream 2.1. \$49.95
HelpDisk Inc, 6671 W. Indiantown Rd., Ste. 56-360, Jupiter, FL 33458, (407) 694-1756

DeluxeHelp for PageSetter

On-line interactive tutorial runs with PageSetter. Price unavailable.
RGB Computer & Video, 3944 Florida Blvd. Ste. 4, Palm Beach Gardens, FL 33410, (407) 622-0138

MegaDOS AmigaDOS Manual on Disk

A complete reference and tutorial guide for using AmigaDOS, both Workbench and CLI. Designed to eliminate the confusion of other DOS manuals. Full of examples with many hints and tips. \$19.95
MegaDisc, P.O. Box 759, Crow's Nest, Australia 2065, (011) 61-2-9593692

◆ The Buddy System for DeluxePaint III

A tutorial interface for DPaintIII that is accessed through the help key. Concise text explanations and live, audio-visual demonstrations are presented interactively while DeluxePaint III is in use. \$49.95
HelpDisk Inc, 6671 W. Indiantown Rd., Ste. 56-360, Jupiter, FL 33458, (407) 694-1756

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▼ MUSIC GENERAL ▼

◆ A-Sound 2.0

A-Sound 2.0 is a powerful, low-cost monophonic sound editor for the Amiga. It sports a friendly, intuitive interface, a full-featured set of editing tools, and over 20 special effects that can be applied to sound samples. A-Sound 2.0 also provides a total of 16 individual sound buffers (tracks) for sample editing. For sound sampling it supports any PerfectSound or compatible digitizer, including PerfectSound 3.0. Amiga 500, 1000, 2000-based, 3000 with 512K. \$29.95
Deltaware Products, 3148 Kingston Rd., Ste. 202, Box 395, Toronto, Ontario, Canada M1M 1P4, (416) 431-2047

◆ A-Sound Elite

A-Sound Elite is a stereo audio sample editor with powerful capabilities. Among its notable features are sequences, loops, record-to-disk, ARexx support, precision editing, 16-bit sample support, an Undo command, and multi-octave/multi-track sonix and IFF instrument saving.
Deltaware Products, 3148 Kingston Rd., Ste. 202, Box 395, Toronto, Ontario, Canada M1M 1P4, (416) 431-2047

Aegis Sonix

Combine instruments, sampled sounds, and digitized AudioMaster files. On-screen musical editing lets you see each note as it's entered on the staff. Has built-in MIDI controller. Supports eight MIDI voices with up to 32 channels and 16 MIDI patches for each channel, or four Amiga voices and four MIDI voices. Saves files in IFF or RFF formats. Use pre-programmed instruments or create your own using the Sonix synthesizer. \$79.95
Oxxii/Aegis, 1339 E. 28th Street, Long Beach, CA 90806, (213) 427-1227

Audio Engineer

A stereo digital sound sampling and editing system designed for the discerning Amiga audio enthusiast, for whom sound quality is paramount. This quality system offers powerful facilities to record, edit, and modify sound in the Amiga's memory. \$349.00
J.E.M. Computer, 2472 Stearns St., Simi Valley, CA 93063, (805) 583-8310

AudioLink™

AudioLink™ is a professional 16-bit linear stereo audio processor that boasts 16 voices (8 in stereo), a variable sound sampling rate of up to 50 KHz (100 KHz 2x over sampling in mono), up to 16 megs onboard, and MIDI. AudioLink™ comes bundled with sound editing software with features such as Realtime Playback, Crossfading, and Cut, Copy, and Paste between voices. Invert, Reverse, Looping, and Variable Left and Right Gain. Saves in multiple formats such as AIFF and SAMP formats. For all models of the Commodore Amiga®. Price TBA. Available in July.
Beta Unlimited, 87 Summit Street, Brooklyn, NY 11231, (718) 852-8646

Bars&Pipes

Unique Pipeline concept allows the user to direct the flow of musical information on a track-by-track basis either prior to or after recording takes place. Includes the Toolbox with a keyboard splitter, event filter, chord substitute, inverter, and harmonizer to name a few. Create a Tool allows the user to construct customized Macrotools. There is no limit to the number of tracks. Sequencer features include global cut, copy, and paste; autolocate registers; punch in and out; looped mode recording; global display of music on all tracks; A-B-A global song construction and editing; high-resolution timing (192 clicks per quarter note); tempo maps; sync to external MIDI or time code; audible metronome; and rhythm, chord, key, multiple time signature, and lyric output. The Editor is either a piano roll display or bars on a staff. Lyrics can be typed over the music. Simple, intelligent, object-oriented user interface. MIDI File Format compatible. \$199.00
Blue Ribbon SoundWorks Ltd., 1293 Briar Dell Lane NE, Atlanta, GA 30306, (404) 377-1514

◆ Bars&Pipes Professional

Bars&Pipes Professional's state-of-the-art features include an unlimited number of tracks and notes; merge and overwrite recording; automated mixing; notation editing and print-out of transposed score, concert score and individual parts; automatic transposition; graphical song construction; graphical tempo mapping; event list, hybrid, notation and piano roll editing, system exclusive recording and editing; real-time non-destructive editing; algorithmic composition; rhythmic generation; loop-mode recording; timeline scoring; macrotool design and construction; open-ended architecture; expandable design; and more. \$379.00
Blue Ribbon SoundWorks Ltd., 1293 Briar Dell Lane NE, Atlanta, GA 30306, (404) 377-1514

◆ Composer Quest

Composer Quest offers a revolutionary, interactive, and fun way to learn Music History through the work of the great composers, from 1600 to the present. It can be used as a game or a learning application. The program cross-references important developments in world history, visual art, and sociological change. Composer Quest features 150 digitized 'sound samples' of original performances of some of the greatest musical works ever composed and recorded. It requires a hard disk to install, and a copy of the AmigaVision authoring system. See CDTV section also.
Dr. T's Music Software, Inc., 100 Crescent Rd., Needham, MA 02194, (617) 455-1454

Copyist Apprentice

Music printing and scoring program prints five pages of music on a dot-matrix printer. \$129.00
Dr. T's Music Software, Inc., 100 Crescent Rd., Needham, MA 02194, (617) 455-1454

Copyist DTP

Music printing and scoring program prints 100 pages of music on dot-matrix, laser, or PostScript printer. With Adobe Sonata fonts. Supports IFF and EPS files. \$399.00
Dr. T's Music Software, Inc., 100 Crescent Rd., Needham, MA 02194, (617) 455-1454

Deluxe Music Construction Set

Full-featured sound editor with complete input, notation, and score printing. \$99.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Digital Studio

A stereo sound handler for Amiga computers. A digital sampler, editor (and sequencer) is fully complete, of high fidelity (simple to use at an affordable price); yet it remains a professional

tool. Digital Studio has 10 memory work zones; these buffers will allow you to work on several different pieces of music, and even better, to play one piece while working on another, or even to play samples at the same time, with different frequencies (pitch) if so desired. The zoom in Digital Studio permits you to magnify the waveform. DRAW permits you to touch up the waveform. There are menu commands for volume, and echo. Modified sounds can be saved on a floppy disk or on a hard drive in IFF format. Supplementary characteristics include: Sampling Rate to 44KHz, automatic voice activation, left, right volume control, anti-aliasing audio filter control, transform mono into stereo and vice versa, and graphic oscillator for control of audio entry level. Digital Studio is compatible with all the digitizers whose sampling rate is high enough to permit quality sound recording
Adept Development, P.O. Box 20, 1000 Lausanne 5, Switzerland, 011-411-096-2985

E-Z FM Synthesizer

Easy-to-use software program for creating instruments and sounds for you Amiga. E-Z produces realistic sounds as well as synthetic or futuristic sounds with rich harmonic content. This program uses a minimum number of steps making it 'EaZy' to use. \$59.95
Other Guys, The, 297 E. 200 N., P.O. Box H, Logan, UT 84321, (801) 753-7620

◆ Harmony

Got a song in your head? Let Harmony help you get it out. The revolutionary program is highly intuitive. Other music construction sets simply don't force your computer to do its fair share of the work. Instead, they overwhelm you with tedium and intimidate you with technical jargon. What makes Harmony different? Conceptual attitude. Harmony is extremely powerful, yet designed from an end-user's perspective. \$199.95
Computer Support, P.O. Box 463, Salem, OR 97308, (503) 743-4449

Hyperchord 2.0

A dynamic riff sequencer, designed for professional musicians but additive fun for amateurs. The principle behind Hyperchord is that most music is based on short themes and motifs, which are then varied in rhythm, pitch, and order to create larger musical movements. Hyperchord lets you create riffs (sequences) of up to 40 notes using such original features as Riffwaves, Weave, Smear, Rotate, Expand; then store and manipulate in real time, varying pitch, speed rhythm, volume, note order, orchestration, harmonies, and trill. For intense riffing, switch between 60 user-defined scale modes and 40 rhythms, or employ unique cyber-musical tools such as Holistic Play and Vector Play. Three utilities included: Mode Maker, Rhythm Maker, and Holistic Window. Use with A500, A1000, A2000. 1MB recommended. \$159.00
Hologramophone Research, 638 Summit Ave., St. Paul, MN 55105-3435, (612) 228-9142

Instant Music

Easy musical composition through mouse control. \$19.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

◆ KCS 3.5

KCS is a 48-track sequencer that operates in a linear or pattern based mode. It also allows assembly of up to 26 songs at a time. It features realtime graphic editing of notes and controllers, quick scoring and printing of standard musical notation, automated MIDI mixing, and comprehensive algorithmic and global editing. (version

Graphic Arts
Desktop Video
Word Processing
Desktop Publishing
Music
Education
Business & Home Productivity
Programming
Utilities
Entertainment
Miscellaneous Software
Drives
Memory Expansion
Accelerators
Video Hardware
Miscellaneous Hardware
Accessories & Services
Books & Tapes
CDTV
PDS Guide
AMICUS Index
Fred Fish Index
Vendor/Product Registration
AC Back Issue Index
User's Groups
Vendor Information
Product Index by Product
Product Index by Vendor
Category Index
Last Minute Additions

3.5 combined both KCS and Level II in one product.) Requires 1-2MB memory, depending on number modules loaded.

Dr. T's Music Software, Inc., 100 Crescent Rd., Needham, MA 02194, (617) 455-1454

Keyboard Controlled Sequencer 3.5

Automated 48-track tape recorder mode, full editing of all MIDI parameters, and built-in variations generator. Can use up to 126 sequences. Can use Amiga's internal voices. Allows multitasking, loads, and saves MIDI files. Full realtime graphic editing, music notation, and printing. \$400.00

Dr. T's Music Software, Inc., 100 Crescent Rd., Needham, MA 02194, (617) 455-1454

M

M for the Amiga is a real-time interactive composing and performing program. M's graphic screen controls allow you to shape or change any aspect of your composition while you're hearing it. First, you specify notes and chords, and then you determine the ways those notes will be transformed through rhythms, articulation, orchestrations, and many other variables. Finally, you perform your music, either by manipulating screen controls, playing control keys on a MIDI keyboard, or moving the mouse in a conducting grid. M features a capability for automating changes in MIDI velocities, note densities, legato-staccato articulations, and accents. Also multitasking compatible and high-quality internal sounds using IFF 8SVX sample files. \$149.00
Dr. T's Music Software, Inc., 100 Crescent Rd., Needham, MA 02194, (617) 455-1454

MIDI Music Manager

Play sampled sounds from any MIDI track. Listen to one track while recording another. Eight real-time tracks. Adjustable track length. Works with standard IFF files. \$39.95

Datel Computers, 3430 E. Tropicana #67, Las Vegas, NV 89121, (800) 782-9110

MIDI Sample Wrench V1.3

Complete visual editor system for 16-bit CD quality sounds. Quickly perform subtle or dramatic sound variations. Full cut-and-paste editing with extensive processing tools such as EQ, compression, enveloping, sampling rate conversion, sample mixing, clipboard, and much more. Multiple editors with virtually infinite zoom, scroll, and pan. Preview sounds using Amiga internal voices. Uploads and downloads to your favorite MIDI sampler including Prophet 2000, TX16W, EPS, E-Mu E-MAX, E3, Roland S-770, Korg DS-1, Akai S612, S700, S900, S1000, Casio FZ-1, and others. Requires MIDI interface and 512K, with 1MB or more recommended. AmigaDOS compatible. \$279.00
dissidents, 730 Dawes Ave., Utica, NY 13502, (315) 797-0343

Master Tracks PRO

Our goal was to create a sequencer with all the power and control you desire without sacrificing an easy-to-use working environment. Sequencing should be a natural extension of the creative process. We don't think that advanced technology means inhibiting your creativity with a confusing design. Along with the control, we wanted a system that could work in the comfortable way, whether you choose an Amiga, Mac, Atari ST, IBM PC, or Yamaha C-1. \$395.00
Passport Designs, Inc., 625 Miramontes Street, Half Moon Bay, CA 94019, (415) 726-0280

MidiVU

Single track desktop recorder records in real time from any MIDI instrument. Portable, compact, multitasking; uses just 3% of disk. Pops up fast, hides easily. Saves tracks to disk, and includes powerful file utility. MIDI data monitor for troubleshooting. Help screens show MIDI 1.0

message definitions. Includes message filtering and loopable playback. Records Sys-Ex MIDI data and can be used as a generic Patch Librarian. \$29.00

Diemer Development, 12814 Landale St., Studio City, CA 91604, (818) 762-0804

◆ Music Mouse

Interactive compositional program that turns your computer into a musical instrument. Fully MIDI compatible, yet no MIDI is required. \$79.00

Dr. T's Music Software, Inc., 100 Crescent Rd., Needham, MA 02194, (617) 455-1454

Music-X 1.1

The original Music-X has been updated to Music-X 1.1. Along with some fixes we have also enclosed a control mapper, velocity sculpting, and multiple serial support. Upgrades available to registered users. Music-X 1.1 provides the most sophisticated tools for manipulation of the MIDI environment. \$299.95

Microillusions, P.O. Box 3475, Granada Hills, CA 91394, (818) 785-7345

Music-X Jr.

This is a scaled-down version of Music-X. Music-X Jr. contains a sequencer, bar editor and filter page, and can use Amiga samples. \$149.95
Microillusions, P.O. Box 3475, Granada Hills, CA 91394, (818) 785-7345

PIXOUND™

Pixound is a radical new concept in musical software, transforming visual art into music. Unlike other programs which provide the computer equivalent of a light show, Pixound allows you to use the musical fingerprint of any image to create, play, and record complex new music. The novice musician or computer user can move from Bach to Rock by simply moving the mouse. The virtuoso, too will thrill at the Pixound adventure of playing a new and unique instrument with every new screen. \$99.00

Hologramophone Research, 638 Summit Ave., St. Paul, MN 55105-3435, (612) 228-9142

◆ Personal Music Librarian

Comprehensive music collection management system. Easy, flexible data retrieval; search by any item or combination thereof. User-definable fields, categories, subcategories, and media. Handles album and selection info. Serious collectors may track cost, value, and condition. Powerful, menu-driven report writer. Design your own printouts and labels or use those included with PML. Free info pak. Requires 1MB RAM, hard drive. \$75.00

Personal Database Applications, 2616 Meadow

Ridge Dr., Duluth, GA 30136-6037,

(404) 242-0887

◆ Quartet

A power of a synthesizer and four-track sequencer. With Quartet, your Amiga becomes a four-voice polyphonic synthesizer and recorder. Allows playback of up to four instruments simultaneously. Quartet makes four channel composition easy, allowing easy production of commercial quality music. \$59.95

MichTron, 3201 Drummond Plaza, Newark, DE 19711, (302) 454-7946

QuasarSound

QuasarSound gives Amiga owners the ultimate stereo sampling/sound editing system! QuasarSound can save real-world sounds in IFF format for any use in any music program that supports IFF or 8SVX sounds. Samples will work with DeluxeMusic, Sonix, Soundscape, Dr. T's KCS 1.6A, Dynamic Drums, and many more! The program features include high and low pass filter operations, powerful editing features such as cut, paste, copy, and visual editing, changeable pitch and volume, special effects, and more. All commands are executed through an easy-to-use graphic interface. QuasarSound supports all popular Amiga parallel sound samplers.

QuasarSound's unique feature is the ability to create long playing play disks. By sampling directly to diskette, you can record sampled sounds longer than the capacity of your internal RAM on up to four disks at the same time to create auto-boot play disks. \$59.95

Centaur Software, Inc., P.O. Box 4400, Redondo Beach, CA 90278, (213) 542-2226

Quest I: Texture

Original Modular Recording, record, edit, and assemble your music in convenient blocks called patterns. 96 patterns of arbitrary length up to 545 beats. 2304 independent sequences, 24 tracks X 96 patterns, 99 links for songs. Create music without having to stop. Full real time interaction; all 16 MIDI channels may be controlled simultaneously; comprehensive screen window display. Simple Mouse/menu/keystroke interface, and more. \$150.00

Sound Quest, Inc, 1573 Eglinton Ave. W Ste. 200, Toronto, Canada M6E 2G9, (800) 387-8720

Quest II: Texture

Professional sequencer for the Amiga computer. Features include modular recording, 24 tracks, edit display, MIDI output remapping, swing function, enhanced Amiga interface, linearize function, and clipboard. Includes all the features of Quest I plus 96 patterns of arbitrary length up to 2728 beats, Multiple MIDI Channels per track, Quantize-3 new methods of affecting note duration, panic button, and much more. \$250.00

Sound Quest, Inc, 1573 Eglinton Ave. W Ste. 200, Toronto, Canada M6E 2G9, (800) 387-8720

SoundScape Pro MIDI Studio

Recording studio environment provides complete facilities for routing, recording, editing, transposition, and playback of any musical performance from both the internal sampled sounds of the Amiga, and/or any external MIDI equipment. Features infinite note and track MIDI sequencer, MIDI Patch Panel links program modules, supports Song Position Pointer to sync with other MIDI clocking systems, MIDI sequence and song editing, and step entry for easy note at a time recording/editing. Echo and Trigger modes provides special sequencing effects. Also integrates with the AmiGen genlock for creating music videos. \$179.95

Mimetics Corporation, P. O. Box 1560, Cupertino, CA 95015, (408) 741-0117

Synthia II

Synthia II is a complete Sound Synthesis and Processing Studio (Sound Synthesis, Effects Processor, Visual Editor, and File Interface) for your Amiga. \$124.95

Other Guys, The, 297 E. 200 N., P.O. Box H, Logan, UT 84321, (801) 753-7620

Synthia Professional

A 16-bit synthesizer effects processor, visual editor, and sampler/file interface. Create single and multi-sample instruments for use with most music programs or your favorite MIDI Keyboard Sampler. \$395.00

Other Guys, The, 297 E. 200 N., P.O. Box H, Logan, UT 84321, (801) 753-7620

◆ TELESCAPE Virtual Reality Authoring Software/Mandala Junior

This is a base level version of the ultimate human interface/multimedia tool. A video camera passes your real-time, live image into Virtual Realities created with this graphic video/music package. Viewing yourself on TV, manipulate graphics and sound effects/music with your 'live video image.' Comes with scenes disk and mouse command/menu authoring interface to create your own. Additional prefabricated VR's available from VE's library. Supports IFF pics, brushes, sounds; ARexx, MIDI, etc. Mandala Junior can be upgraded to Mandala Pro. Compatible with all Amiga levels; requires A2 Live Digitizer. \$179.00
Vivid, Inc., 317 Adelaide St., West Suite 302, Toronto, Ontario, Canada M5V 1P9, (416) 340-9290

The Hyperchord Music Exploration Kit

The kit consists of a disk of four interrelated programs, centering around Hyperchord. Other programs include Mode Maker, Rhythm Maker, and Holistic Window. With Hyperchord you can create, store, and manipulate RIFFs in real-time. In design mode create anything from simple scale runs to complex RIFF waves. Play mode allows you to improvise and loop any of the RIFFs. Customize modes in Mode Maker. Spectral colors are used to show the tonal relationships of the notes. The unique 3-D interface and the graphics alone make this a fascinating and fun program to use. \$129.00

Hologramophone Research, 638 Summit Ave., St. Paul, MN 55105-3435, (612) 228-9142

◆ The Mandala Virtual Reality Authoring Software/Mandala Pro

The ultimate human interface/multimedia tool. A video camera passes your real-time, live image into virtual realities created with this complete animation/video/music package. Viewing yourself on TV, manipulate animation and sound effects with your 'live video image.' Supports video laserdisc for high-end worlds. Comes with example scenes and mouse command authoring interface to create your own. Additional prefabricated VR's available from Vivid's library. Supports IFF pics, brushes, sounds; anims, sprites, AREXX, MIDI, multi-state animation, universal variables, live video game construction, etc. Compatible with all Amigas. Requires A2 'Live' Digitizer. \$495.00
Vivid, Inc., 317 Adelaide St., West Suite 302, Toronto, Ontario, Canada M5V 1P9, (416) 340-9290

Tiger Cub

A 12-track sequencer with real-time graphic editing and instant standard musical notation for display and printout. Fully MIDI compatible, yet no MIDI is required. For the beginner as well as the semi-professional. \$99.00
Dr. T's Music Software, Inc., 100 Crescent Rd., Needham, MA 02194, (617) 455-1454

▼ EDITOR/LIBRARIAN ▼

4-OP Deluxe

Graphic editor/librarian for the TX-812, FB01, DX100, DX21, and DX27. \$129.00
Dr. T's Music Software, Inc., 100 Crescent Rd., Needham, MA 02194, (617) 455-1454

◆ Audition 4

An advanced 8-bit sample editor continues where AudioMaster III left off. Record direct to floppy disk. 100% Assembler. Realtime zoom. Incredibly fast scroll. Freehand edit. Sequenced loops, realtime effects include echoes, hi pass filter, low pass filter, band pass filter, stop band filter, mix, flange, fade, VU meter, and oscilloscope. Editing functions include cut, copy, paste, delete, keep, invert, filter, echo, mix, fade, tune, and many more. \$99.95
SunRize Industries, 2959 S. Winchester Blvd. Ste. 204, Campbell, CA 95008, (408) 374-4962

C-ZAR

Editor/librarian for Casio CZ-101, CZ-1000, and CZ-1 synthesizers. Includes 200 pro sounds; easy start up; automatic loading, saving, and cataloging of disk sounds. Cut and paste, duplicate, rename and delete sounds, banks, and disk files. Overlays large, color coded, and dragable sound envelopes on a logarithmic time display. Continuous display and sound updating, flexible undo feature. Mouse operation features intuitive panel displays. A 200-note sequencer; 80-page indexed manual. Much more. \$99.00
Diemer Development, 12814 Landale St., Studio City, CA 91604, (818) 762-0804

CZ Rider

Graphic editor/librarian for the Casio CZ series of instruments. \$129.00
Dr. T's Music Software, Inc., 100 Crescent Rd., Needham, MA 02194, (617) 455-1454

Caged Artist D110 Editor

Multitasking graphic editor/librarian for the Roland D-110. Point-and-click editing of all parameters. Requires MIDI interface. \$149.00
Dr. T's Music Software, Inc., 100 Crescent Rd., Needham, MA 02194, (617) 455-1454

DWEL

DWEL is an Editor and Librarian for the Korg DW-8000 Synthesizer that uses the advanced computing environment of the Amiga Computer, and uses a MIDI interface to connect the two. DWEL has two different screens, one the librarian, the other is a patch editor. DWEL's librarian is an advanced system for storing, retrieving, arranging, and sending patch (instrument) sounds through MIDI. The Editing features of DWEL are simple and logical, but also very powerful. It is no longer necessary to remember parameter numbers and settings to alter or create sounds. DWEL's editor graphically illustrates all characteristics of the patch's sound. \$79.00
Synthetic Reality Software, P.O. Box 6066, St. Cloud, MN 56302, (612) 259-9499

DX Heaven

Graphic editor/librarian for the Yamaha DX-7, Tx7. \$129.00
Dr. T's Music Software, Inc., 100 Crescent Rd., Needham, MA 02194, (617) 455-1454

ESQ-1 Caged Artist

Multitasking graphic editor/librarian for the Ensoniq ESQ-1. Point-and-click editing of all parameters. Requires MIDI interface. \$129.00
Dr. T's Music Software, Inc., 100 Crescent Rd., Needham, MA 02194, (617) 455-1454

ESQapade

Graphic editor/librarian for the ESQ-1 and SQ-80. From Ensoniq. \$129.00
Dr. T's Music Software, Inc., 100 Crescent Rd., Needham, MA 02194, (617) 455-1454

Kawai K-5

Graphic editor/librarian for the Kawai K-5. \$175.00
Dr. T's Music Software, Inc., 100 Crescent Rd., Needham, MA 02194, (617) 455-1454

Kawai-1 Caged Artist

Multitasking graphic editor/librarian for the Kawai K-1 series. Modifies sounds that the instruments make, and saves them for you. Point-and-click editing of all parameters. Requires MIDI interface. \$129.00
Dr. T's Music Software, Inc., 100 Crescent Rd., Needham, MA 02194, (617) 455-1454

Oberheim Matrix 6/1000 Caged Artist

Multitasking graphic editor/librarian for the Oberheim Matrix 6/1000. Point-and-click editing of all parameters. Requires MIDI interface. \$129.00
Dr. T's Music Software, Inc., 100 Crescent Rd., Needham, MA 02194, (617) 455-1454

PCM-70 Caged Artist

Multitasking graphic editor/librarian for the Lexicon PCM-70. Point-and-click editing of all parameters. Requires MIDI interface. \$129.00
Dr. T's Music Software, Inc., 100 Crescent Rd., Needham, MA 02194, (617) 455-1454

Roland D-50 Caged Artist

Multitasking graphic editor/librarian for the Roland D-50. Point-and-click editing of all parameters. Requires MIDI interface. \$129.00
Dr. T's Music Software, Inc., 100 Crescent Rd., Needham, MA 02194, (617) 455-1454

Roland MT-32 Caged Artist

Multitasking graphic editor/librarian for the Roland MT-32. Point-and-click editing of all parameters. Requires MIDI interface. \$129.00
Dr. T's Music Software, Inc., 100 Crescent Rd., Needham, MA 02194, (617) 455-1454

Sound Quest CZ Master Librarian

Master editor/librarians available for both PC and the Amiga, to store, retrieve, modify, and create sounds to be used with the Casio CZ series. \$125.00
Sound Quest, Inc, 1573 Eglinton Ave. W Ste. 200, Toronto, Canada M6E 2G9, (800) 387-8720

Sound Quest D-10 Master Librarian

Master editor/librarians available for both PC and the Amiga, to store, retrieve, modify, and create sounds to be used with the Roland D10. \$150.00
Sound Quest, Inc, 1573 Eglinton Ave. W Ste. 200, Toronto, Canada M6E 2G9, (800) 387-8720

Sound Quest D-50 Master Librarian

Master editor/librarians available for both PC and the Amiga, to store, retrieve, modify, and create sounds to be used with the D-50. \$150.00
Sound Quest, Inc, 1573 Eglinton Ave. W Ste. 200, Toronto, Canada M6E 2G9, (800) 387-8720

Sound Quest DX Master Librarian

Master editor/librarians available for both PC and the Amiga, to store, retrieve, modify, and create sounds to be used in particular synthesizers. \$150.00
Sound Quest, Inc, 1573 Eglinton Ave. W Ste. 200, Toronto, Canada M6E 2G9, (800) 387-8720

Sound Quest Generic Master Librarian

Master editor/librarians available for both PC and the Amiga, to store, retrieve, modify, and create sounds to be used in particular synthesizers. \$125.00
Sound Quest, Inc, 1573 Eglinton Ave. W Ste. 200, Toronto, Canada M6E 2G9, (800) 387-8720

Sound Quest SQ-80 Master Librarian

Master editor/librarians available for both PC and the Amiga, to store, retrieve, modify, and create sounds to be used with the Ensoniq SQ-80/ESQ-1/ESQ-M. \$150.00
Sound Quest, Inc, 1573 Eglinton Ave. W Ste. 200, Toronto, Canada M6E 2G9, (800) 387-8720

Sound Quest TX802 Master Librarian

Master editor/librarians available for both PC and the Amiga, to store, retrieve, modify, and create sounds to be used with the Yamaha 802. \$175.00
Sound Quest, Inc, 1573 Eglinton Ave. W Ste. 200, Toronto, Canada M6E 2G9, (800) 387-8720

Sound Quest TX81Z Master Librarian

Master editor/librarians available for both PC and the Amiga, to store, retrieve, modify, and create sounds when used with the Yamaha TX81Z/DX100/DX21. \$150.00
Sound Quest, Inc, 1573 Eglinton Ave. W Ste. 200, Toronto, Canada M6E 2G9, (800) 387-8720

▼ PERCUSSION ▼

Drum Studio

Drum Studio turns your Amiga into a powerful dedicated drum machine! Each sound has 16 different volume and pitch controls providing over 5000 different drum sounds in memory. Features include up to 100 patterns in memory; real time indicator to allow easy volume and pitch adjustment; adjustable BPM (beats per minute) from 30 to 240; keyboard template for quick reference; plus many more features. \$29.95
DigiTek Software, 8910 N. Dale Mabry Executive Center, Tampa, FL 33614, (813) 933-8023

▼ PROGRAMMING ▼

Aegis Visionary

Don't just wander around in graphic or text adventures, build them! Visionary makes it simple. Over 10,000 rooms, objects, and subroutines. More than 4 billion characters of text can go into your adventure! Supports IFF images and ANIM files. Workbench 2.0 compatible. Available Summer 1991. Price TBA.
Oxxi/Aegis, 1339 E. 28th Street, Long Beach, CA 90806, (213) 427-1227

Graphic Arts
Desktop Video
Word Processing
Desktop Publishing
Music
Education
Business & Home Productivity
Programming
Utilities
Entertainment
Miscellaneous Software
Drives
Memory Expansion
Accelerators
Video Hardware
Miscellaneous Hardware
Accessories & Services
Books & Tapes
CDTV
PDS Guide
AMICUS Index
Fred Fish Index
Vendor/Product Registration
AC Back Issue Index
User's Groups
Vendor Information
Product Index by Product
Product Index by Vendor
Category Index
Last Minute Additions

Bach Songbook

Data disks for sequencer and patch editor/librarians. Songbook contains two-part inventions, three-part sinfonia, and four-part fugues. \$29.00
Dr. T's Music Software, Inc., 100 Crescent Rd., Needham, MA 02194, (617) 455-1454

◆ Harmoni

Harmoni enables musicians to use their Amiga to record and edit music sequences composed of up to 24 tracks with synthesizers, drum machines, and any other MIDI-equipped instruments. MIDI channel assignments can be set up for each track so that sequences can be fully orchestrated and played back. Harmoni provides four different types of velocity scaling, three ways to arpeggiate chords into individual note runs, plus merging to combine several tracks into a single track. Other functions include MIDI filtering, sequence looping, and SMPTE sync. 1MB recommended. Requires MIDI interface, cables, and any MIDI equipped synthesizers, drum machines, or other equipment capable of sending or receiving MIDI data. \$99.95

Disc Company, The, 11022 Santa Monica Blvd, Ste. 440, Los Angeles, CA 90025, (213) 478-6767

▼ SONGS ▼

Aegis SoundTrax I and II

Play along with or study this library of Sonix compositions to tips on how to create your own Sonix scores! Use special pre-programmed instruments to enhance your own compositions. Volume I includes Top 40 and Blues, while Volume II includes Fifties-style compositions. \$19.95
Oxxi/Aegis, 1339 E. 28th Street, Long Beach, CA 90806, (213) 427-1227

Four Disk Set

The Rock Disk, Digital Synthesizer Disk, Grab Bag Disk, and Orchestral Disk all in one package. \$79.95
Blue Ribbon SoundWorks Ltd., 1293 Briar Dell Lane NE, Atlanta, GA 30306, (404) 377-1514

It's Only Rock and Roll

New collection of 40 original songs from eight eras of rock history. For use with Instant Music, Deluxe Music Construction Set, and Deluxe Video. Twenty-two new instruments and a 24-page manual covering the development of rock music from 1956 through the 70's. \$29.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

▼ SOUNDS AND INSTRUMENTS ▼

◆ Amiga Clips, Volume 1: Sound Effects

Amiga Clips is a software tool created for use with AmigaVision. The two-disk set includes over fifty different digitized sound files which users can add to their multimedia AmigaVision presentations. The sounds can also be used to give audio feedback to key presses or mouse clicks in interactive AmigaVision applications. Amiga Clips is also compatible with any Amiga software program which supports 8SVX format sounds. Categories of sound effects on the disks include animals, auto, bells and whistles, clocks, drink, human, phone, techno, voice, and weather. \$29.95

Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

◆ Background Rhythm Patterns 2.0

Background Rhythm Patterns is a collection of over 120 popular sequenced background rhythm patterns for virtually all styles of music. These patterns were developed exclusively for MIDI

sequencer owners who need a variety of professionally arranged background rhythm accompaniments to use for creating their original songs. Each pattern includes bass, piano, drums, and percussion. All styles of music are included, as is an extensive user's manual. A multitimbral synthesizer or sound module and a sequencer are necessary. \$42.95

New Sound Music, P.O. Box 37363, Oak Park, MI 48237, (313) 355-3643

Big Dollar Synth

Unusual sound samples from hi-end synths, spread over 6 octaves. Mimetics and IFF formats. \$19.95

WaveTable Technologies, 1647 Willow Pass Rd. Suite #267, Concord, CA 94520, (415) 676-0517

Composer's SoundLib

Mimetics' Exclusive (Vol. 3) Sampled sound libraries in Mimetics format. Over 30 samples per disk. Real instruments and custom programmed synthesizers. \$19.95

WaveTable Technologies, 1647 Willow Pass Rd. Suite #267, Concord, CA 94520, (415) 676-0517

Composer's SoundLib IFF Portable Vol. 1

DMCS- and Sonix-compatible sampled IFF sound libraries. Over 30 sounds on each disk (6 volumes). \$19.95

WaveTable Technologies, 1647 Willow Pass Rd. Suite #267, Concord, CA 94520, (415) 676-0517

Composer's SoundLib IFF Portable Vol. 2

DMCS- and Sonix-compatible sampled IFF sound libraries. Over 30 sounds on each disk (6 volumes). \$19.95

WaveTable Technologies, 1647 Willow Pass Rd. Suite #267, Concord, CA 94520, (415) 676-0517

Composer's SoundLib IFF Portable Vol. 3

DMCS- and Sonix-compatible sampled IFF sound libraries. Over 30 sounds on each disk (6 volumes). \$19.95

WaveTable Technologies, 1647 Willow Pass Rd. Suite #267, Concord, CA 94520, (415) 676-0517

Composer's SoundLib IFF Portable Vol. 4

DMCS- and Sonix-compatible sampled IFF sound libraries. Over 30 sounds on each disk (6 volumes). \$19.95

WaveTable Technologies, 1647 Willow Pass Rd. Suite #267, Concord, CA 94520, (415) 676-0517

Composer's SoundLib IFF Portable Vol. 5

DMCS- and Sonix-compatible sampled IFF sound libraries. Over 30 sounds on each disk (6 volumes). \$19.95

WaveTable Technologies, 1647 Willow Pass Rd. Suite #267, Concord, CA 94520, (415) 676-0517

Composer's SoundLib IFF Portable Vol. 6

DMCS- and Sonix-compatible sampled IFF sound libraries. Over 30 sounds on each disk (6 volumes). \$19.95

WaveTable Technologies, 1647 Willow Pass Rd. Suite #267, Concord, CA 94520, (415) 676-0517

Composer's SoundLib

Mimetics' Exclusive (Vol. 1)

Sampled sound libraries in Mimetics format. Over 30 samples per disk. Real instruments and custom programmed synthesizers. \$19.95

WaveTable Technologies, 1647 Willow Pass Rd. Suite #267, Concord, CA 94520, (415) 676-0517

Composer's SoundLib

Mimetics' Exclusive (Vol. 2)

Sampled sound libraries in Mimetics format. Over 30 samples per disk. Real instruments and custom programmed synthesizers. \$19.95

WaveTable Technologies, 1647 Willow Pass Rd. Suite #267, Concord, CA 94520, (415) 676-0517

FAT SOUNDS

Here are three disks filled with 8SVX new and original Amiga digitized sampled sounds. They have been tested with a dozen Amiga music and hypermedia programs, and are the first of planned library of new samples. The sounds can be used either as-is to help Amiga musicians create their music, or each sample can be edited further in an Amiga sound editor to produce even more variable results. These are not repeats of previous Amiga sample releases. \$59.95

EyefulTower Comm. / EarfulTower Prod., 15 Rockydale, Bristol, VT 05443, (802) 453-4293

◆ Jazz Through MIDI 2.0

Jazz Through MIDI is a new jazz improvisation course designed to teach jazz using a MIDI set up. It features 60 jazz patterns and solos for beginning, intermediate, and advanced levels. Many different styles of jazz are featured. A rhythm section accompaniment consisting of bass, piano, and drums is provided for each solo. Simply select a sequence with a riff that you want to learn, and then begin to practice the solo line along with the provided solo and accompaniment, using a tempo that is comfortable for you. Requires a multitimbral synthesizer or sound module. \$45.95
New Sound Music, P.O. Box 37363, Oak Park, MI 48237, (313) 355-3643

Mellotron

Mellotron instrument samples. Original issue cello, violin, and flute voices. Mimetics, IFF format. \$19.95

WaveTable Technologies, 1647 Willow Pass Rd. Suite #267, Concord, CA 94520, (415) 676-0517

Modern Percussives

Over 60 sampled real and percussive sounds for music composition programs. Available in IFF. \$19.95

WaveTable Technologies, 1647 Willow Pass Rd. Suite #267, Concord, CA 94520, (415) 676-0517

Real Brass

Real brass instruments for composition programs. Trumpet, tuba, french horn, trombone, and more. IFF and Mimetics format. \$19.95

WaveTable Technologies, 1647 Willow Pass Rd. Suite #267, Concord, CA 94520, (415) 676-0517

The Digital Synthesizer Disk

26 exotic instruments generated by synthesis software. IFF or Soundscape format. \$24.95
Blue Ribbon SoundWorks Ltd., 1293 Briar Dell Lane NE, Atlanta, GA 30306, (404) 377-1514

The Grab Bag Disk

26 unusual and ethnic sounds and effects. Bali flute, dog bark, and more. \$24.95
Blue Ribbon SoundWorks Ltd., 1293 Briar Dell Lane NE, Atlanta, GA 30306, (404) 377-1514

The Orchestral Disk

17 multi-sampled sounds including strings, grand piano, and more. \$24.95
Blue Ribbon SoundWorks Ltd., 1293 Briar Dell Lane NE, Atlanta, GA 30306, (404) 377-1514

The Rock Disk

Drum kits, guitars, bass, organ, synth sounds, and more. \$24.95
Blue Ribbon SoundWorks Ltd., 1293 Briar Dell Lane NE, Atlanta, GA 30306, (404) 377-1514

▼ TUTORIAL ▼

Aural Intervals

Recognizing the distance between two pitches is the first technique taught in ear training. Correctly hearing and identifying intervals takes practice and a trained ear. It is also a skill that is awkward to practice by yourself. Now with the help of Aural Intervals and your Amiga computer, ear training is as simple as a video game. Aural Intervals randomly selects an interval and then randomly selects the lowest pitch to begin the interval on. The Amiga plays the sound for you. If you don't get it on the first try, press the play again button and the interval will be repeated. If you're not sure what it is, ask Aural Intervals to hint at the darkness or brightness of the intervals quality. If still unsure, inquire whether the interval is greater or less than a Perfect 5th. As a last resort, select the Melody Hint button and Aural Intervals will play a short melody that is identified with the interval. Aural Intervals is a positive and reassuring method to master the art of interval ear training. \$19.00

Synthetic Reality Software, P.O. Box 6066, St. Cloud, MN 56302, (612) 259-9499

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Guitar Chords is a program for the Amiga that will tutor a beginning guitar student in learning and correctly playing chords for the guitar, by illustrating the correct fingering on the Amiga's screen. Finger numbers and color scheme dots clearly show fingerings. Guitar Chords is designed for the student to have the guitar in hand while running the program. The Amiga sounds the notes of the chord so that the student hears instantly if he has fingered the chord correctly. Also, tuning is a breeze as Guitar Chords plays the correct pitch for each string. All Major, Minor, Major7, and Minor7 chords are included in the program. \$39.00

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Performance

Database system for performing musicians that tracks MIDI information (synth presets, patch banks, sequences, etc.) for songs in repertoire to automate MIDI setup. Includes a MIDI-file sequence player. Contains set-building tools to organize material for live performances. Database is entirely user configurable, is mouse driven, supports standard MIDI files, and runs in both interlace and non-interlace modes. The song selection features a large font easily readable from a distance of up to 30 feet from the screen. \$165.00

Pregnant Badger Music, 10010 Biscanewoods Way, Sacramento, CA 95827, (916) 361-8217

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Oxxi/Aegis, 1339 E. 28th Street, Long Beach, CA 90806, (213) 427-1227

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Calculator for the Commodore Amiga. Version 1.3 includes binary, octal, decimal or hexadecimal modes. Boolean functions AND, OR, XOR, NOT. Has square root function. Can send result into active window of an application. Compact memory-resident utility activated by hotkey. \$29.00

Desktop Utilities, P.O. Box 3053, Manuka, Australia ACT 2603, 011-616-239-6658

◆ SMUS2T

This CLI-based utility converts SMUS music score files to Dr.T's KCS/MRS format, suitable for loading into Dr.T's KCS or MCS sequences. \$9.95

S & B Software, 6503 SW 46th Pl., Portland, OR 97221, (503) 244-5029

▼ MISCELLANEOUS ▼

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Silver Software, 1922 Purchase Brook Road, Southbury, CT 06488, (203) 264-2583

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Silver Software, 1922 Purchase Brook Road, Southbury, CT 06488, (203) 264-2583

Internal Sounds Kit

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Blue Ribbon SoundWorks Ltd., 1293 Briar Dell Lane NE, Atlanta, GA 30306, (404) 377-1514

Multi-Media Kit

With the Multi-Media Kit, you can co-ordinate your music with other Amiga applications, including Elan Performer, DeluxeVideo III, CanDo, AmigaVision, DeluxeMusic Construction Set, Sonix, and Digi-Paint 3. \$59.95

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MusicBox A

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Mimetics Corporation, P.O. Box 1560, Cupertino, CA 95015, (408) 741-0117

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Plays music based on protein amino acid sequences. Menu choice of protein, speed, tone, and channel. With two octaves. \$19.95

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SterlingWare, Inc., Whiteside Area Vocational Center, 1608 Fifth Ave., Sterling, IL 61081, (815) 626-5810

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◆ Cross Poker

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sours, and Print-A-Dinosaur, where twelve dinosaurs can be printed out in their natural habitat along with a description. Using DeluxePaint by Electronic Arts, color your favorite Dino and print the creature out. \$49.95
Britannica Software, 345 Fourth Street, San Francisco, CA 94107, (800) 572-2272

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Microillusions, P.O. Box 3475, Granada Hills, CA 91394, (818) 785-7345

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Holographophone Research, 638 Summit Ave., St. Paul, MN 55105-3435, (612) 228-9142

◆ Idhan II

A classic marble game played on a cross-shaped playing field. The object of the game is to jump marbles in such a manner as to remove as many marbles from the playing field as possible. Great graphics. Play against the clock and other opponents to achieve the lowest number of marbles. \$24.95
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McGee

A no-words software program designed for children, ages two through five years old. Using the mouse, youngsters guide a little boy named McGee throughout his house, playing with toys and getting into mischief along the way. By clicking the mouse on graphic icons on the screen, children initiate animated sequences and digitized sound, or send McGee into another room for more adventure. \$39.95
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McGee at the Fun Fair

Like our other no-words software for preschoolers, Fun Fair is a program where youngsters decide what they want to do next. They can watch the clown make balloon shapes, the juggler juggle, get a popsicle from the ice cream vendor, play on playground equipment, and enjoy many other fun activities—all with wonderful, animated graphics and digitized sound. These programs encourage children to explore and reinforce their sense of discovery. \$39.95
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McGee visits Katie's Farm

In Katie's Farm, children accompany McGee as he visits his cousin on her farm. McGee and Katie feed the chickens, watch Aunt Thelma milk the cow, go fishing at the pond and enjoy many other fun activities. Our no-words software programs for pre-schoolers make getting acquainted with the computer an empowering and confidence-building experience. They are also very effective with ESL and autistic children. Requires 1 meg of memory. \$39.95
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◆ Periculum

Jeopardy-like game. Allows two players to go head-to-head, one on the mouse, and the other on keyboard or joystick. As questions are flashed on the screen, the first player to press the button is given an opportunity to answer. A manual override is provided to allow the acceptance of answers that are correct but are judged incorrect by the program. It is easy to create new game files about any subject. Sign-in with the mouse just like on TV. \$24.95
SterlingWare, Inc., Whiteside Area Vocational Center, 1608 Fifth Ave., Sterling, IL 61081, (815) 626-5810

◆ Personality

This administers a series of 70 personality questions based loosely on the Myers-Briggs assessment tool. Done with clever graphics, the user responses are analyzed and the user's personality type (i.e. ISTJ) is displayed and described briefly. Great for starting a discussion of different personality types and learning styles at the beginning of the year or course. \$24.95
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Signs Etc. by D. Knox, P. O. Box 628, Carmichael, CA 95609, (916) 944-4282

◆ Rover

Rover is a software product that allows an Amiga computer to organize a school's satellite or cable-fed audio visual system. It schedules VCR's and automates the school's satellite and cable equipment with built-in instruction manuals. The system can be set up to communicate with almost any type of IR controlled equipment. \$99.00

Heifner Communications, Inc., 4451 I-70 Dr. N.W., Columbia, MO 65202, (314) 445-6163

◆ SortMaster

This program provides discussion and illustration of the bubble, Replacement, Delayed Replacement, Shell, Heap, and Quick sorts. Textual material describing each sort may be displayed and a dynamic graphic representation of the data is updated continuously as the selected data is being sorted. On screen graph displays efficiency of the various sorts as the number of items being sorted increases. \$24.95

SterlingWare, Inc., Whiteside Area Vocational Center, 1608 Fifth Ave., Sterling, IL 61081, (815) 626-5810

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Blue Valley Software, 29 Shepard St., Walton, NY 13856, (607) 865-6523

◆ Traversal

Amiga version of 3M box game, Twixt. Two players head for opposite sides of mountain top (really a hexagonal grid) trying to be the first to create a complete and unbroken path of flags from edge to edge. The setting is an unnamed mountain top somewhere in the Himalayas. But watch out for that flag eating Yeti! Handicapping allows for players of differing abilities to play with some uncertainty of the outcome. \$24.95

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Lee Software, P. O. Box 742644, Dallas, TX 75374, (214) 530-2864

Biology By Martha: Vertebrate Animals HSE
Provides graphics, explanations, and tests for self-study and reference. This is the high school edition. One disk. \$39.00

Lee Software, P. O. Box 742644, Dallas, TX 75374, (214) 530-2864

Biology by Martha College Edition

Combination human-biology and micro-biology. \$199.95

Lee Software, P. O. Box 742644, Dallas, TX 75374, (214) 530-2864

Biology by Martha High School Edition

Combination human-biology and micro-biology. \$99.95

Lee Software, P. O. Box 742644, Dallas, TX 75374, (214) 530-2864

Birds 'N' Bees

Facts of life instruction for children ages 7 to 12. Parents can set the computer for the age and sex of the child, and can control the amount of information the child receives. There is a question and answer section, as well as a dictionary portion. \$14.95

Intracorp, Inc., 14160 S.W. 139th Court, Miami, FL 33186, (800) 468-7226

▼ BUSINESS ▼

◆ BarPro/A

Bar code printing and IFF image software for all Amiga systems. Generates images of bar coded data on a medium res screen in four different sizes. Screen image of bar code symbol can be printed with or without accompanying text. Screen image of bar code symbol can be saved as IFF file with or without accompanying text for importation into Amiga paint and desktop publishing programs. BarPro/A prints Code39, Code39 Full Ascii, Code93, Code93 Full Ascii, Code25, Code25 Interleaved, Code128A, Code128B, Code128C, and Codabar bar code symbologies. \$89.95

MegageM, 1903 Adria, Santa Maria, CA 93454, (805) 349-1104

please see display ad page 8

Starting a New Business

Students discover the ins and outs of starting a new business venture as they make decisions about trade name, partnership agreement, incorporation, budgeting, marketing, inventory, advertising, hiring employees, raising capital, recordkeeping, taxes, and insurance. Two disks. \$59.95

Queue, Inc., 562 Boston Ave., Bridgeport, CT 06610, (800) 232-2224

The Ad Game

Learning objective is to read a vertical bar graph and interpret the data for maximum results. The student is given a product to sell and profile the age groups that buy it. The goal is to use the most effective advertising medium—radio, TV, newspaper, and magazine—to reach the greatest audience. \$29.95

MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

▼ ECONOMICS ▼

Spell M-O-N-E-Y

The learning objective is to identify the definitions of basic economic terms. The student's goal is career advancement and security through education and promotion. Wages and saving may increase as a part of performance evaluation. \$29.95

MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

▼ ELEMENTARY ▼

A Christmas Carol

Complete bookdisk of Dickens' A Christmas Carol with at least 10 illustrations and talking slide show. Two disks. \$7.00
Jumpdisk, 1493 Mountain View Ave., Chico, CA 95926, (916) 343-7658

◆ AB-Zoo

Teaches young children, ages 3 to 6, letter recognition and develops their reading and typing abilities in an entertaining and stimulating fashion. \$19.95
MichTron, 3201 Drummond Plaza, Newark, DE 19711, (302) 454-7946

ABC's

Another talking story for the Talking Storybook. Young children can learn the alphabet through enjoyable pictures and graphics. Speech, music, and digitized sounds make the story enjoyable as they learn. \$29.95
Designing Minds, Inc., 3006 N. Main Street, Logan, UT 84321, (801) 752-2501

ABCgames

Five levels of alphabet-playing fun. Exercises begin with introduction to individual letters, followed by the entire alphabet, finding letters on the screen, keyboard letter entry, and finally the spelling of simple words from modifiable lists. Tutorials on mouse and keyboard use included. Intended for pre-school to second grade users. No reading or writing skills required. ABCgames is designed specifically for the Amiga, and fully utilizes the music, speech, animation, and color capability of the computer. Requires 512K memory with mouse. Operates on Version 1.2 or higher system. ABCgames is not copy-protected. \$30.00
Parth Galen, P.O. Box 482, Cold Spring, MN 56320, (301) 531-3527
please see display ad page 69

Aesop's Fables

Twelve illustrated stories with reading and vocabulary questions, 800-word spelling list. Ages 6-9, 1-2 players. Four different learning games are included. You may also add your own weekly spelling lists for practice. Memory game options include matching pictures to pictures, pictures to words, words to words, or words to contractions. Uses speech and great graphics. \$49.95
Unicorn Software Company, 2950 E. Flamingo Road, Ste. B, Las Vegas, NV 89121, (702) 737-8862

CD-901 Education Disk One

MicroEds Education Disk One for Commodore's New CDTV includes a group of ten programs designed for the family with varying ages and interests. Included is interactive software ranging from beginning reading and early math to high level vocabulary exercises and a Planet Probe program that uses a non-violent game format to provides factual information about our planetary system. Priced at \$99.00, this CDTV disk offers educational software for less than \$10.00 per program. See CDTV section. \$99.00
MicroEd, P.O. Box 24750, Edina, MN 55424, (612) 929-2242

Clock Works

Version 1.1 PAL and NTSC available now. Teaches telling the time and introduces number ideas. Clocks of four sorts and shapes with digitized sound: Cuckoo, Westminster chimes, and human speech. Digital clock has 24-hour option. Works in clock-setting and question modes. U.S. \$24.95, including airmail.
Hokianga Software, Campbell Street, P.O. Box 67, Rawene, Hokianga, Northland, New Zealand, Starnet TZQ 146, 011-64-940-57761

Coloring Disk #1-Alphabet

To be used with My Paint, Coloring Disk #1 presents all the letters of the alphabet with a corresponding drawing to color in. Each letter also has accompanying digitized speech, which enunciates the name of the letter and the object or

animal next to it. All new drawings include: cake, duck, fruit, elephant, goat, kite, owl, inchworm, vegetables, xylophone, watermelon, jam, bear, and more! \$29.95
Centaur Software, Inc., P.O. Box 4400, Redondo Beach, CA 90278, (213) 542-2226

Coloring Disk #2-Majelix

To be used with My Paint, Coloring Disk #2-Majelix is a beginning reading method based on phonics and sight reading. The Majelix coloring disk provides an introduction to all 29 of the Majelix characters. The names of these enjoyable characters contain all the clues to the series one phonics code. These coded names provide the child with an easily accessible unconscious reference to the phonics code. \$29.95
Centaur Software, Inc., P.O. Box 4400, Redondo Beach, CA 90278, (213) 542-2226

Crayons And Rainbows

Teaches pre-schoolers about colors in a fun game format with animated characters and colorful graphics. Requires 1 MB RAM and 2 disk drives. \$19.95
Trumor Company, Inc., The , 2745 201st Ave. NW, Oak Grove, MN 55011, (612) 753-5050

Early Math MA-902

This disk contains four programs. The learner counts steam engines or box cars and names the numeral. The student identifies the missing number in a three-number counting sequence. A dump truck hauls answers away. The learner adds two groups of objects either by counting or by identifying the sum of their numerals. By means of objects pictured on the screen, the student is introduced to the operation of subtraction. \$49.95
MicroEd, P.O. Box 24750, Edina, MN 55424, (612) 929-2242

Electric Crayon Deluxe:

All Dogs Go To Heaven

Simply point and click on the color palette of 24 colors out of 4,906 available, then click the crayon in the area you want to fill! The Electric Crayon Deluxe computer coloring books offer Custom Banner, Calendar, and Poster-Making capabilities, and digitized sound. Design a banner with a colored picture at each end and your personal message in the middle. Write poster messages to be displayed below your work of art, or print the picture with the computer-supplied description that will describe facts about the animal you've just colored! Make calendars and mark special occasions with 64 colored stickers enclosed in the package. See CDTV section also. \$19.95
Merit Software, Inc., 13635 Gamma Road, Dallas, TX 75244, (214) 385-2353

Electric Crayon Deluxe: At the Zoo

The next best thing to being there! As each picture is accessed, a digitized sound file is played of the lion, tiger, bear, etc. You can color the picture and play the sound over and over. There is also a Description file to accompany each picture containing information and little known facts about the featured animal. Each picture can be printed in color and black and white with one of six print options, including: Custom Banner, Personalized Message, Print with Description, and Print with Calendar. A sheet of 64 color stickers is included to mark special days on the calendars. \$19.95
Merit Software, Inc., 13635 Gamma Road, Dallas, TX 75244, (214) 385-2353

Electric Crayon Deluxe:

Dinosaurs Are Forever

Dinosaurs Are Forever will grab the imagination of children of all ages as digitized sounds of a dinosaur are played with each picture. You can color the picture and play the sound over and over. There is a Description file to accompany each picture containing information and little known facts about the dinosaur shown. Each picture (26 total) can be printed in color and black and white with one of six print options, including: Custom Banner, Personalized Message, Print with Description, and Print with Calendar. A

sheet of 64 color stickers is included to mark special days on the calendars. \$19.95
Merit Software, Inc., 13635 Gamma Road, Dallas, TX 75244, (214) 385-2353

◆ Electric Crayon Deluxe:

Teenage Mutant Ninja Turtles

The Turtles' World Tour contains 30 pictures of the Teenage Mutant Ninja Turtles visiting famous world landmarks such as the Statue of Liberty, Mount Rushmore, and Stonehenge. Children can color and enjoy each picture time and time again. Print banners as well as posters and calendars of their favorite turtles scenes. \$19.95
Merit Software, Inc., 13635 Gamma Road, Dallas, TX 75244, (214) 385-2353

Kim

A visual memory challenge based on the party favorite 'Kim's Game.' Objects are displayed for a set time and disappear. They then reappear with others. Players select correct ones, either by pictures or words. Groups include fruit/vegetables, transport, animals, flags, numbers, letters, food and common articles. Plus chance to create own sets with any graphics program! Scores are recorded; play alone or with a friend. Used to help reading too. U.S. \$24.95, including airmail.
Hokianga Software, Campbell Street, P.O. Box 67, Rawene, Hokianga, Northland, New Zealand, Starnet TZQ 146, 011-64-940-57761

Kinderama

Five talking games with animated graphics. Beginning addition, subtraction, upper and lower case letters, and more. Awarded Best Educational Program of 1988 by Commodore. Uses speech to enforce learning. Also includes a Robot Construction Set for creative fun. \$49.95
Unicorn Software Company, 2950 E. Flamingo Road, Ste. B, Las Vegas, NV 89121, (702) 737-8862

LOOK!HEAR!

LOOK!HEAR! uses bright animated graphics, large clear letters and natural digitized speech to teach and test 'sight words': the 240 core words children up to and including the eight year old level should recognize and pronounce instantly. Also for anyone with reading problems or learning English. Comprehensive recording and printing of progress. Extra word disks are being produced; enquiries for special languages are welcome. U.S. \$59.95, including airmail.
Hokianga Software, Campbell Street, P.O. Box 67, Rawene, Hokianga, Northland, New Zealand, Starnet TZQ 146, 011-64-940-57761

Little Red Hen (story diskette)

Enjoy the story of the Little Red Hen as she works, plants, and harvests the wheat. Makes flour and bakes bread, while enjoying digitized and synthesized sounds, music, and animation. For use with Talking Storybook reader diskette. \$29.95
Designing Minds, Inc., 3006 N. Main Street, Logan, UT 84321, (801) 752-2501

Match-it

Teaches children basic colors and shapes through games and tutorials. \$39.99
Other Guys, The , 297 E. 200 N., P.O. Box H, Logan, UT 84321, (801) 753-7620

My Paint 2.0—

'The Paint Program Just For Kids'

My Paint is an easy-to-use, educator-approved, and classroom-tested paint program which has been designed especially for children. Everything about it, from the color of the program disk to easy user interface with animated icons, was designed with youngsters in mind. The interface is entirely based upon intuitive icons, and no reading skills are required. Features include colorful, animated icons for all tools, a complete 'coloring book' of pictures to be colored, sampled sounds which accompany each picture, multiple brush sizes, special 'surprise' pictures, painting and mirror modes, special effects, color cycling, and more. As enhancements to the program it

Graphic Arts
Desktop Video
Word Processing
Desktop Publishing
Music
Education
Business & Home Productivity
Programming
Utilities
Entertainment
Miscellaneous Software
Drives
Memory Expansion
Accelerators
Video Hardware
Miscellaneous Hardware
Accessories & Services
Books & Tapes
CDTV
PDS Guide
AMICUS Index
Fred Fish Index
Vendor/Product Registration
AC Back Issue Index
User's Groups
Vendor Information
Product Index by Product
Product Index by Vendor
Category Index
Last Minute Additions

self, a series of optional, educational 'coloring book' disks which teach the alphabet, phonetics, reading skills, and other concepts to young minds are also available. Upgrades are available to registered users for \$14.95. See CDTV section. \$49.95
Centaur Software, Inc., P.O. Box 4400, Redondo Beach, CA 90278, (213) 542-2226

My Paint Coloring Disk #1

Alphabet Fun! Each of the letters of the alphabet is presented with an amusing, interesting drawing for kids to color in. All the letters of the alphabet have digitized speech accompanying them, saying the name of the letter and the corresponding object or animal. Great, educational fun for all young children. \$19.95
Centaur Software, Inc., P.O. Box 4400, Redondo Beach, CA 90278, (213) 542-2226

My Paint Coloring Disk #2

Majelix is a beginning reading method based on phonics and sight reading. The Majelix coloring disk provides an introduction to all 29 of the enjoyable Majelix characters. The Majelix character names provide children with a powerful reference to the English phonics code which helps them with their reading skills. \$19.95
Centaur Software, Inc., P.O. Box 4400, Redondo Beach, CA 90278, (213) 542-2226

Nimble Numbers

Takes the child from the skill of counting to learning basic number facts. 'I want to count' displays from 1-5, 1-10 or 1-15 large colorful fish. Child points to correct number. Graphic rewards and clear reinforcement with natural digitized speech. Simple addition, subtraction, multiplication and division problems are presented, with bold bright display of equations. Child uses mouse to select correct answer. U.S. \$24.95, including airmail.

Hokiana Software, Campbell Street, P.O. Box 67, Rawene, Hokiana, Northland, New Zealand, Starnet TZQ 146, 011-64-940-57761

Nursery Rhymes (story diskette)

Children learn to read with familiar rhymes such as Jack and Jill, Humpty Dumpty, Little Miss Muffett, and more. For use with Talking Storybook reader diskette. \$29.95
Designing Minds, Inc., 3006 N. Main Street, Logan, UT 84321, (801) 752-2501

RE-910 Learning the Alphabet

Teaches upper and lower case letters in sequence. Uses mouse for easy responding. The computer speaks throughout each lesson. \$29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

RE-915 Beginning Reading

Beginning reading skills on four disks, grades K-3. All lessons are phonics-based. Teaches more than 1000 words. Uses mouse for easy responding. The computer speaks throughout each lesson. \$89.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

Read & Rhyme

Outer-space theme. Talking language arts activities in phonics, reading, rhyming, and more. Ages 5-10, 1-2 players. \$49.95
Unicorn Software Company, 2950 E. Flamingo Road, Ste. B, Las Vegas, NV 89121, (702) 737-8862

Read-a-Rama

Talking program with 6 language arts activities. Includes authoring system for parents to create lessons. Ages 5-8 (2 disks). Parents may add weekly spelling lists for practice. \$59.95
Unicorn Software Company, 2950 E. Flamingo Road, Ste. B, Las Vegas, NV 89121, (702) 737-8862

Reading Adventures I-III

Interactive reading game allows players to participate in completing the story. Adventure 1, \$39.95; Adventures 2 and 3, \$59.95. \$39.95
Queue, Inc., 562 Boston Ave., Bridgeport, CT 06610, (800) 232-2224

◆ Reading and Thinking Series

Challenging reading comprehension tutorial which teaches analytical skills so important to good comprehension. \$45.00
Intellectual Software, Division of Queue, Inc., 338 Commerce Drive, Fairfield, CT 06430, (800) 232-2224

Robot Readers: Aesop's Fables

Reading game uses popular fairy tale to help children learn to read. Each word changes color as it is read aloud. Adjustable reading speed. \$29.95
Hilton Android, P. O. Box 7437, Huntington Beach, CA 92615, (714) 963-4584

Robot Readers: Chicken Little

Reading game uses popular fairy tale to help children learn to read. Each word changes color as it is read aloud. Adjustable reading speed. \$29.95
Hilton Android, P. O. Box 7437, Huntington Beach, CA 92615, (714) 963-4584

Robot Readers: The Ugly Duckling

Reading game uses popular fairy tale to help children learn to read. Each word changes color as it is read aloud. Adjustable reading speed. \$29.95
Hilton Android, P. O. Box 7437, Huntington Beach, CA 92615, (714) 963-4584

Robot Readers: Three Little Pigs

Reading game uses popular fairy tales to help children learn to read. Each word changes color as it is read aloud. Adjustable reading speed. \$29.95
Hilton Android, P. O. Box 7437, Huntington Beach, CA 92615, (714) 963-4584

Robot Readers: Little Red Hen

Reading game uses popular fairy tale to help children learn to read. Each word changes color as it is read aloud. Adjustable reading speed. \$29.95
Hilton Android, P. O. Box 7437, Huntington Beach, CA 92615, (714) 963-4584

Robot Readers: Noah's Ark

Noah's Ark is the seventh program in the talking Robot Readers series for the Amiga computer. Beautifully illustrated classic stories for preschool through primary grade children, Robot Readers combine the latest research in the field of reading with the unique capabilities of the Amiga computer. Advanced mouse-driven features include reading aloud with each word changing color as it is spoken, an adjustable reading speed, pointing and clicking for the whole word and letter sound out, a Find-the-Word game, and audio-visual identification of the characters and objects in the illustrations. \$29.95
Hilton Android, P. O. Box 7437, Huntington Beach, CA 92615, (714) 963-4584

Robot Readers: The Three Bears (Goldilocks)

Reading game uses popular fairy tale to help children learn to read. Each word changes color as it is read aloud. Adjustable reading speed. \$29.95
Hilton Android, P. O. Box 7437, Huntington Beach, CA 92615, (714) 963-4584

◆ Sammy the Clown's Playground Volume One

Sammy the Clown's Playground was designed to provide a quality computing experience for parents and their children aged 2 to 5. The program presents the child with shape recognition, mouse instruction, sound recognition and much more in a non-competitive manner. Using bright colors, speech, digitized sound and mouse control, this program will spark the imagination of your child as only the Amiga can. \$19.95
Gifted Artists, 1703 Kennoway Rd., Baltimore, MD 21234, (301) 347-8274 bef. 5

Tales From The Arabian Nights

Three stories with graphics, questions, and glossary. Several games, mini-word processor. Ages 8-12, 1-2 players (2 disks). Talking program helps

develop important comprehension and vocabulary skills. \$49.95

Unicorn Software Company, 2950 E. Flamingo Road, Ste. B, Las Vegas, NV 89121, (702) 737-8862

The Adventures of Sinbad

Three stories, over 600 questions. 1-2 players. Join Sinbad to earn his fortune and see the world. Includes mini-word processor, and more. This talking program builds vocabulary and comprehension skills. \$49.95
Unicorn Software Company, 2950 E. Flamingo Road, Ste. B, Las Vegas, NV 89121, (702) 737-8862

The Legend of Sleepy Hollow

A complete bookdisk of The Legend of Sleepy Hollow. Includes over 10 illustrations and talking slide show. \$4.00
Jumpdisk, 1493 Mountain View Ave., Chico, CA 95926, (916) 343-7658

The Sesame Street Crayon Series: Letters for You

The Sesame Street gang introduces children to the ABC's. Offers coloring entertainment and education. Contains dozens of reusable pictures with point and click coloring. This program includes digitized sound files of children's voices describing each picture, which can be played over and over. There is also a poem accompanying each picture to enhance learning. Each picture can be printed in color or black and white with one of six print options including: Custom Banner, Personalized Message, Calendar, and Print with Description. There is a sheet of 64 stickers included to mark special days on the calendars. \$19.95
Merit Software, Inc., 13635 Gamma Road, Dallas, TX 75244, (214) 385-2353

The Sesame Street Crayon Series: Numbers Count

The Sesame Street gang introduces children to numbers and offers coloring entertainment and education. Contains dozens of reusable pictures with point and click coloring. This program includes digitized sound files of children's voices describing each picture, which can be played over and over. There is also a poem to accompany each picture to enhance learning. Each picture can be printed in color or black and white with one of six print options which include: Custom Banner, Personalized Message, Calendar, and Print with Description. There is a sheet of 64 stickers included to mark special days on the calendars. \$19.95
Merit Software, Inc., 13635 Gamma Road, Dallas, TX 75244, (214) 385-2353

The Sesame Street Crayon Series: Opposites Attract

The Sesame Street gang introduces children to opposites. Offers coloring entertainment and education. Contains dozens of reusable pictures with point and click coloring. This program includes digitized sound files of children's voices describing each picture, which can be played over and over. There is also a poem accompanying each picture to enhance learning. Each picture can be printed in color or black and white with one of six print options including: Custom Banner, Personalized Message, Calendar, and Print with Description. There is a sheet of 64 stickers included to mark special days on the calendars. \$19.95
Merit Software, Inc., 13635 Gamma Road, Dallas, TX 75244, (214) 385-2353

The Talking Animator

Easy-to-use page flipper. Gives each frame its own palette of colors from 4096 total. Incorporates talking text into any page of graphics to give you the ultimate doodle pad to create stories or cartoons. All documentation on-line; just press the Help key. Ghosting feature lets you see images from previous pages for graphics placement and smooth animation. The output works well with genlocks. Runs with 512K but 1MB is recommended. Shipped with data disk full of animations. \$49.95
JMH Software, 7200 Hemlock Lane, Maple Grove, MN 55369, (612) 424-5464

◆ = New Product Listing

The Talking Coloring Book

Talks to the child and teaches color recognition. Drawing option allows children to draw, color, and print their own pictures. In practice option, using a teacher approach, the computer patiently helps preschoolers learn colors and the color words. \$29.95

JMH Software, 7200 Hemlock Lane, Maple Grove, MN 55369, (612) 424-5464

The Talking Storybook (reader diskette)

Teaches reading skills by example. No reading skills are necessary to operate, works for pre-readers also. Uses digitized and synthesized sounds, four-part harmony music, and animation. Read pages sequentially, flips to any page forward or backward. Requires reader diskette. \$39.95

Designing Minds, Inc., 3006 N. Main Street, Logan, UT 84321, (801) 752-2501

The Three Bears (story diskette)

Enjoy a familiar story while learning to read or improve reading skills. Uses digitized sounds, entertaining graphics, and four-part harmony music. For use with Talking Storybook reader diskette. \$29.95

Designing Minds, Inc., 3006 N. Main Street, Logan, UT 84321, (801) 752-2501

The Wonders of the Animal Kingdom

Six activities teach about the animal kingdom and develop reading and vocabulary skills. 1-4 players, graphics, voice. Age 6-12. \$49.95

Unicorn Software Company, 2950 E. Flamingo Road, Ste. B, Las Vegas, NV 89121, (702) 737-8862

▼ ENGLISH ▼

Antonyms

Antonyms are the focus of this interactive teaching program. Each lesson gives the learner practice in supplying the antonyms of words presented by the computer. The student can request help from the computer as needed. \$29.95

MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

CP-941 Capitalization

Capitalization teaches students how to capitalize words correctly within sentences. Nine lessons teach 24 capitalization rules. \$29.95

MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

◆ Developing Writing Skills

Excellent tutorial for students in grades 6-9. Requires 256K, 512K recommended. \$60.00

Intellectual Software, Division of Queue, Inc., 338 Commerce Drive, Fairfield, CT 06430, (800) 232-2224

◆ English Composition Skills

Comprehensive tutorial will improve writing skills of high school students and above. Requires 256K, 512K recommended. \$45.00

Intellectual Software, Division of Queue, Inc., 338 Commerce Drive, Fairfield, CT 06430, (800) 232-2224

GR-910 Basic Grammar

Basic Grammar teaches students to identify nouns, verbs, adjectives, prepositions, conjunctions, and interjections. The program teaches and tests for mastery learning. \$29.95

MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

How to Spell

A tutorial on the principles of correct spelling. Each rule is explained, illustrated, and drilled. Each wrong answer brings additional remediation. Grades 4-7. \$29.95

Queue, Inc., 562 Boston Ave., Bridgeport, CT 06610, (800) 232-2224

Image Spinning (Creative Writing)

This program provides practice in putting together effective images that can be used in almost any kind of creative writing, especially in poetry.

Throughout this exercise, the computer acts as an idea starter, while the final results are entirely the student's own. \$49.95

MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

Land of the Unicorn

Educational program for grades 3-8 covering synonyms and antonyms, as well as problem solving. Includes intricate maze game. \$59.95

Unicorn Software Company, 2950 E. Flamingo Road, Ste. B, Las Vegas, NV 89121, (702) 737-8862

PU-940 Punctuation

Teaches students how to punctuate properly. Contains four lessons which teach 42 punctuation rules. \$29.95

MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

Practical Composition I-V

The rules of good writing are the focus of these tutorials, which are followed by practice materials aimed toward the development of effective writing skills. Each disk presents a series of related concepts, explains each concept, tests the student's understanding, and provides examples, using multiple-choice, fill-in-the-blank, and 'cloze' technique exercises. I-Using words correctly. II-Logical, clear sentences. III-Selecting the best approach. IV-Making sentences work. V-Using words correctly. Volumes I, III, IV, and V are \$34.95 each. Volume II (two disks) is \$74.95.

Queue, Inc., 562 Boston Ave., Bridgeport, CT 06610, (800) 232-2224

Practical Vocabulary

High school-level drill for recognition and use of definitions, antonyms, synonyms, word roots, and prefixes. \$54.95

Queue, Inc., 562 Boston Ave., Bridgeport, CT 06610, (800) 232-2224

◆ RE-921 Booksoft One Comprehension—Elementary Level For Jr./Sr./High School Students

Uses a combination book-with-software approach to instruction. Ten story lessons feature easy vocabulary with older level reading content. \$39.00

MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

◆ RE-940 Stories in Reasoning with the Great Detective Genlock

The student's task is to draw conclusions from given facts within a variety of story situations. Secret passwords. Genlock Holmes and reasoning grids are involved in each story exercise. This reading comprehension program challenges students to do more than just recall information. It responds to those education critics who want programs that make students think. \$49.95

MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

◆ RE-941 Basic Reading Literacy Series

This instructional series is designed both for young people and older adults who can understand and use spoken English, but who cannot read. The scope of the program ranges from beginning word attack skills up to a newspaper level of comprehension. \$29.95 per disk.

MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

◆ RE-942 Reading Detective: A Word Game

This is for anyone who wants to cope with a new way of reading the ANGUISH LANGUAGE. Decipher what happened when LITTER WE RYE DING HOOT METER WICKET WOOF ASH SHAY VENT TOUR GROIN MURDERS COD DITCH HONOR UDDER SIGHED OFFER LODGE DOCK FLORIST, and so on with other examples of your own. Perhaps you yourself might become a writer of the ANGUISH LANGUAGE! If you, or some of your students, think it would be fun to grapple with English that has run amuck, we recommend this program. \$29.95

MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

Reading and Thinking I-III

Designed to help train students who read well but comprehend only at the factual level, this series of programs stresses the interpretive or inferential level, and the evaluative or critical level of reading. These programs provide a challenge to gifted students as well as older students requiring remediation, because the vocabulary is controlled but the questions require good analytical powers. \$54.95

Queue, Inc., 562 Boston Ave., Bridgeport, CT 06610, (800) 232-2224

SP-902 Spelling

Blends speech with screen-printed text. For grades 2-6. Eighteen programs per grade-level disk, 360 words, spelling, and pronunciation. \$29.95

MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

SP-903 Spelling

Blends speech with screen-printed text. For grades 2-6. Eighteen programs per grade-level disk, 360 words, spelling, and pronunciation. \$29.95

MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

SP-904 Spelling

Blends speech with screen printed text. For grades 2-6. Eighteen programs per grade-level disk, 360 words, spelling, and pronunciation. \$29.95

MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

SP-905 Spelling

Blends speech with screen printed text. For grades 2-6. Eighteen programs per grade-level disk, 360 words, spelling, and pronunciation. \$29.95

MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

SP-906 Spelling

Blends speech with screen printed text. For grades 2-6. Eighteen programs per grade-level disk, 360 words, spelling, and pronunciation. \$29.95

MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

SP-907 Spelling Detective Game

Become the Great Spelling Detective and learn how to spell 100 of the most frequently misspelled words in the English language. Along the way you will discover how the Amiga is programmed to speak words like 'acquaintance,' 'noticeable,' 'occurrence,' and 'privilege.' \$39.95

MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

Spell-A-Fari

Uses synthesized and digitized speech to teach spelling skills. Create and edit spelling lists of up to 54 words. High-quality graphics animations. Six games to print to the printer or play from the computer. \$39.95

Designing Minds, Inc., 3006 N. Main Street, Logan, UT 84321, (801) 752-2501

Spelling 1

Expansion Disk for Discovery spelling game for grades 1 through 10. Requires Discovery program disk. \$19.95

Microillusions, P.O. Box 3475, Granada Hills, CA 91394, (818) 785-7345

Spelling 2

Expansion Disk for Discovery spelling game for grades 9 through 12. Spelling proficiency advances through ten levels. Requires Discovery program disk. \$19.95

Microillusions, P.O. Box 3475, Granada Hills, CA 91394, (818) 785-7345

The Word Master Vocabulary Builder

Four educational activities designed to build word-power skills, including placement test and PacMan-type maze game. Designed for grades 3-8. Expandable with Supplementary Data Disk for grades 9-12. \$49.95

Unicorn Software Company, 2950 E. Flamingo Road, Ste. B, Las Vegas, NV 89121, (702) 737-8862

Graphic Arts
Desktop Video
Word Processing
Desktop Publishing
Music
Education
Business & Home Productivity
Programming
Utilities
Entertainment
Miscellaneous Software
Drives
Memory Expansion
Accelerators
Video Hardware
Miscellaneous Hardware
Accessories & Services
Books & Tapes
CDTV
PDS Guide
AMICUS Index
Fred Fish Index
Vendor/Product Registration
AC Back Issue Index
User's Groups
Vendor Information
Product Index by Product
Product Index by Vendor
Category Index
Last Minute Additions

Usage Boners

In this series of lessons, the user learns to identify common mistakes in usage, such as, 'I Should Of Know', or 'He Gave It To Mary And I.' \$49.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

VO-920 Vocabulary Series One

Vocabulary series high-level package includes words from the 'New York Times,' 'Atlantic Monthly,' etc. Learner-controlled instruction. Eighteen lesson games teach more than 700 vocabulary words. Each lesson game can be played by one to four players. \$49.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

Vocabulary Adventure I: The Castle of Treasures

Grades 4-6. This adventure takes place in an imaginary 50-room castle. The player begins in the Entry Room and must try to enter each of the other 49 rooms, accumulating treasures as he or she progresses. Treasures are worth a varying number of points and become increasingly more challenging to obtain within each room. Players can also pick up points while traveling through passageways from room to room. \$49.95
Queue, Inc., 562 Boston Ave., Bridgeport, CT 06610, (800) 232-2224

Vocabulary Adventure II: The Labyrinth

Grades 6-8. Players explore an imaginary labyrinth, accumulating points as they go. Each area features three multiple-choice vocabulary questions describing the area and the creature that lives there. Players can also pick up points while traveling through passageways. \$49.95
Queue, Inc., 562 Boston Ave., Bridgeport, CT 06610, (800) 232-2224

Vocabulary Adventure III: Marauders of the Lost Ark

Players take on the role of explorers as they search for treasures throughout the ark, moving to a new location after solving each vocabulary mystery. \$49.95
Queue, Inc., 562 Boston Ave., Bridgeport, CT 06610, (800) 232-2224

◆ Vocabulary Adventure Package

Text-based simulations: An exciting way to master new vocabulary. Requires 256K, 512K recommended. \$45.00
Intellectual Software, Division of Queue, Inc., 338 Commerce Drive, Fairfield, CT 06430, (800) 232-2224

Vocabulary Series Two

In this series of lessons, the user works with words that have the same, or similar meanings as other words. For example, the words 'banish' and 'eject' could be paired as synonyms. A combination of multiple choice, fill in the blanks, and spelling tasks are involved. The Amiga will provide assistance as needed. \$49.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

WD-915 Word Demons

A lesson in usage of homonyms and verbs. The six lessons on this disk help you learn the correct usage of certain sets of words that often give trouble. \$29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

Words That Sound Alike

In this program, the student learns to identify and spell words that sound the same but are spelled differently. For example, 'wait' and 'weight,' or 'steak' and 'stake.' The Amiga provides help when needed. \$29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

▼ ENGLISH AS A SECOND LANGUAGE ▼

LA-981 Learning English as a Second Language

Five disks per package. English as a second language for the beginner. Features many digitized pictures and the Amiga voice. Mouse controls response. \$89.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

LA-982 Learning English as a Second Language

Five disks per package. English as a second language for the beginner. Features many digitized pictures and the Amiga voice. Mouse controls response. \$89.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

LA-985 American English for Spanish Speakers

A two-disk set. All screen messages for the learner are in Spanish. The computer speaks throughout each lesson. \$69.00
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

◆ LA-986 American English for German Speakers

A two-disk set. All screen messages for the learner are in German. The computer speaks throughout each lesson. \$69.00
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

◆ LA-987 The English Alphabet for Speakers of Urdu

The computer speaks both English and Urdu throughout each lesson. \$39.00
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

◆ LA-988 American Idiomatic English

Designed for persons who can understand plain English, but who may not understand expressions. Especially useful for, but not limited to, individuals who are learning English as a second language. \$39.00
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

Learning English As A Second Language

This 11-disk series begins the job of teaching English as a second language. Digitized pictures are extensively employed. The Amiga speaks throughout the entire series. The mouse is the response device. Note: This series begins the job of teaching American English as a second language. As such, it is suitable only for persons who do not yet know English. It would be too simple for anyone who's beyond that point. \$389.00
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

▼ FOREIGN LANGUAGES ▼

Audio Gallery-Chinese

Audio Gallery-Chinese is a talking picture dictionary which teaches you the vocabulary of Mandarin Chinese. Includes 25 med-res graphics scenes, 15-30 objects in each scene. Click on the object to see the translation in characters, Pinyin and English, and hear the sound of the word in Mandarin Chinese. Fully digitized voices. Six-disk set includes quizzes and dictionary. \$89.95
FairBrothers, 5054 S. 22nd Street, Arlington, VA 22206, (703) 820-1954

Audio Gallery-English

Audio Gallery-English is a talking picture dictionary which teaches the vocabulary of American English. Includes 25 med-res graphic scenes, 15-30 objects per scene. Click on the object to see the

word in English and Spanish, and hear the digitized sound of the word in English. Manual in English. Six-disk set includes quizzes and dictionary. \$89.95

FairBrothers, 5054 S. 22nd Street, Arlington, VA 22206, (703) 820-1954

Audio Gallery-German

Audio Gallery-German is a talking picture dictionary which teaches you the vocabulary of Hochdeutsch German. Includes 25 scenes, such as Living Room, Transportation, etc. Point and click on the objects in the picture to hear them pronounced by a native speaker. Includes quizzes and dictionary. Six-disk set. \$89.95
FairBrothers, 5054 S. 22nd Street, Arlington, VA 22206, (703) 820-1954

Audio Gallery-Spanish

Audio Gallery is a talking picture dictionary which helps you learn the vocabulary of a foreign language through illustrations and digitized sounds. Each Audio Gallery consists of 18-25 scenes of general interest, such as weather, shopping, etc., and each scene includes 15-30 digitized words or phrases by a native speaker. Six-disk set. Includes quizzes and dictionary. \$89.95
FairBrothers, 5054 S. 22nd Street, Arlington, VA 22206, (703) 820-1954

Beginning German

MicroEd used its powerful C.L.A.S. authoring system in collaboration with a German language teacher to create this original program of foreign language instruction. The Amiga speaks German throughout every lesson, and will not allow the student to enter any incorrect word, or even a single wrong letter! The program assumes the learner knows English. \$69.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

Cyrillic Alphabets 2.3

Russian, Macedonian, Ukrainian, Serbian & Bulgarian character sets suitable for students, professors, government workers, or anyone who needs small to medium-size attractively modelled bitmap fonts for letters, assignments, or as a learning tool. Includes utilities and three keyboard configurations for each language (15 in all). Switch easily between AATSEEL, QWERTY-phonetic & Soviet typewriter keymaps. Full English set included in one document. Twelve typefaces, about 36 styles, 8 to 42 lines high. Comprehensive 80-page manual, keyboard charts & samples. \$44.95
CLASSIC CONCEPTS Futureware, P. O. Box 786, Bellingham, WA 98227-0786, (206) 733-8342

Euro Fonts Scandia

Danish/Swedish/ Norwegian character sets which conform to Amiga European keymaps. Three full diskettes of high-quality monochrome bitmap fonts, 7 to 50 lines high. Typefaces especially designed for WYSIWYG word processing and paint applications. Includes utilities and comprehensive 100+ page manual in English and Danish. \$79.95
CLASSIC CONCEPTS Futureware, P. O. Box 786, Bellingham, WA 98227-0786, (206) 733-8342

Euro Fonts Spanish/French/Italian

Spanish, French, and Italian character sets with 3 choices of software-switchable keymaps. Multidisk set of artist-designed, monochrome bitmap fonts, 7 to 50 scanlines high. Over 40 typefaces and 80 individual font files/styles compatible with popular WYSIWYG word processing, language studies and paint programs. Includes keymap charts, utilities, and comprehensive 80+ page manual. \$79.95
CLASSIC CONCEPTS Futureware, P. O. Box 786, Bellingham, WA 98227-0786, (206) 733-8342

French Grammar I-III

The French Grammar Series is designed to provide instruction in all the major points of French grammar and usage. Vol. I includes nouns, definite and indefinite articles, prepositions, and more.

Vol. II includes qualifying adjectives, interrogative forms, negative forms, cardinal and ordinal numbers, and more. Vol. 3 includes first, second, and third conjugation regular verbs and imperative forms. Ten lesson modules. Three volumes; \$34.95 each. \$34.95
Queue, Inc., 562 Boston Ave., Bridgeport, CT 06610, (800) 232-2224

◆ **French Grammar Series I**
 Nouns, adjectives, numbers, prepositions, verbs. Requires 256K, 512K recommended. \$45.00
Intellectual Software, Division of Queue, Inc., 338 Commerce Drive, Fairfield, CT 06430, (800) 232-2224

Japanese 1
 An intro to basic language and written Japanese. Uses the Amiga's built-in speech to teach pronunciation and incorporates customized fonts to teach written Japanese characters. The manual further develops grammar skills taught in the program. \$41.95
Education Tutorial Software, 10811 Ashton Ave, Ste. #209, Los Angeles, CA 90024, (213) 470-6205

◆ **Korean: Hangul Lab**
 Beginner's course in Korean. Teaches written Korean (Hangul) using animated syllable construction. Digitized voice of a native speaker teaches correct pronunciation. Two-disk set. \$29.95
Mesa Graphics, 909 East 49 1/2 St., Austin, TX 78751, (512) 452-2441

Kwik-Speak
 Lessons in conversational Spanish. Beginning Spanish covers present tense; Intermediate Spanish covers past and future tenses. \$49.95
Eclipse Data Management, 511 West Glen Oaks Blvd. Ste. 345, Glendale, CA 91202, (818) 243-0313

Linkword
 Languages Software and audio tapes. French, German, Spanish, Italian, Dutch, Greek, Portuguese, and Russian. Uses mental imagery to link foreign words to acoustically similar English words. Learn 400 words in 10 hours, less than one-third the time of conventional teaching methods. Ideal for travelers, business people, and first-year language students. \$29.95
Artuorx, 1844 Penfield Rd., Penfield, NY 14526, (800) 828-6573

Spanish Grammar I-III
 All of the major points of Spanish grammar and usage are covered in this series of interactive tutorials. Vol. I includes gender and number of nouns, definite and indefinite articles, present tense of regular verbs, and more. Vol. II includes gender, number, agreement, and use of adjectives, saber and conocer, first and second person object pronouns, and more. Vol. III includes the preterit tense of regular, irregular, and stem-changing verbs; uses of the definite article; comparatives and superlatives; and more. Ten lesson modules. Three volumes; \$34.95 each.
Queue, Inc., 562 Boston Ave., Bridgeport, CT 06610, (800) 232-2224

◆ **Spanish Grammar Series I**
 Nouns, verbs, contractions, adjectives, key phrases, articles, possessives. Requires 256K, 512K recommended. \$45.00
Intellectual Software, Division of Queue, Inc., 338 Commerce Drive, Fairfield, CT 06430, (800) 232-2224

▼ GEOGRAPHY ▼

Australian Graphic Atlas
 The Australian Graphic Atlas for the Amiga is ideal for teachers to illustrate their lessons on geography. Using maps of Australia and the states provide quick access to any part of the country and any type of map. Entirely mouse and menu driven, it features the ability to show maps of climate, land use, flora, fauna, population, minerals, and soils. Each capital city is also featured

with its own map and detailed information. Three disks and over 60 screens of maps. All maps are IFF compatible; PAL; automatic hard-disk installation. A demo disk is available. AmigaVision required. \$69.95
HC Software Australia, GPO Box 2204, Adelaide, 5001, Australia, 011-61-8-344-6897

Choromap
 Make maps showing any data for any area. Produce basemaps with the mouse. \$51.00
Bassett Geographic, 1103 E. Magnolia Avenue, Auburn, AL 36830, (205) 887-9057

Digital Landscape
 Lets the user view in 3-D the terrain of any area of the U.S., (excluding Alaska and Hawaii). To view an area, data may be entered either from one of the elevation disks which are included with the package or from a topographic map. Digital Landscape uses the data to produce high-resolution, 3-D wire-frame renderings and color coded contour maps. User may set map to produce more or fewer details, rotate map 360 degrees, save to disk as IFF files then transfer to graphics program for the addition of text. Contains over 400,000 elevations taken at regular intervals across the U.S. \$124.95
Digiscape Software, P.O. Box 113058, Carrollton, TX 75011-3058, (214) 241-9891

◆ **Geography Adventure Games**
 Text-based simulations: Learn American and world geography while you play. Requires 256K, 512K recommended. \$60.00
Intellectual Software, Division of Queue, Inc., 338 Commerce Drive, Fairfield, CT 06430, (800) 232-2224

Geography Expansion Disk for Discovery
 Physical and political geography and more. Grades 9 through 12. Requires Discovery program disk. \$19.95
Microillusions, P.O. Box 3475, Granada Hills, CA 91394, (818) 785-7345

Great States II
 Fun educational game. Learn important and interesting facts about the United States, with complete tutorials on each state. The game information includes state name, capitol, abbreviation, date entered union, state bird, flower, tree, and bonus trivia questions. A great time for the whole family. \$39.95
Designing Minds, Inc., 3006 N. Main Street, Logan, UT 84321, (801) 752-2501

◆ **Scapes—Valles Marineris/Mars Expansions**
 The Valles Marineris Mars set allows the user to explore the 'Grand Canyon' of Mars, an area approximately the length of the United States. The data for this set was obtained from NASA. The chasmas which have been discovered and named on this set are Nootis, Labyrinthus, Tithonium, Hebes, Ius, Cander, Ophir, Melas, overlapping landscapes for animation. \$79.95
Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515

U.S. Geography
 Exciting game format provides hours of fun while students develop geography skills. As students travel to all 50 states, plus Washington, D.C., Puerto Rico, Guam, and the Virgin Islands, they learn to locate the states and cities in relationship to each other. Students also learn to identify each state, the state's capital, and the state's largest cities, rivers, and other noteworthy geographical features. Grades 4 and up. \$59.95
Queue, Inc., 562 Boston Ave., Bridgeport, CT 06610, (800) 232-2224

VISTA 1.2
 Vista 1.2 is now released for 1 MB Amigas. New features are Gouraud shading (eliminates polygons), low res option (and original HAM mode), simulated trees. Vista generates beautiful, 3 dimensional landscapes using real world USGS data; Turbo Silver compatible, Animation capability, Half-Dome and El Capitan in Yosemite National Park, Mt St. Helens (before and after

eruption), Crater Lake. Caldera of Mons Olympus, highest mountain of Mars, can be explored from any angle or perspective. Also 16 billion imaginary fractal landscapes. 2.0 compatible, PAL version. Inexpensive upgrades. \$99.95
Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515

◆ **VistaPro**
 VistaPro creates beautiful painting-like landscape views and animations of Earth and Mars scenery, using Gouraud shading, hi-res, interlace and overscan. Saves and displays in 24-bit, hi-res, interlace, overscan or HAM. Saves images as IFF, IFF24, Turbo Silver objects (compatible with Imagine), and in 24-bit RGB for frame buffer output. Script support for animation modes: IFF, IFF24, RGB, and VistaPro's proprietary VANIM. Animation player for VANIM files from hard disk included. Scripting preview function shows path your animation follows through landscapes. Unlimited lighting positions. Compatible with Toaster, DCTV, Ham-E Board, Firecracker, Mimetics Frame Buffer. New landscapes included. Inexpensive upgrade. Requires 3 megs on NTSC, 3.3 megs for PAL. \$149.95
Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515

World Atlas
 World Atlas is the first computerized atlas for the Amiga. It gives you direct access to information and details on more than 170 countries plus all fifty states. With World Atlas you can discover each country's history, population, language, and customs. In addition, World Atlas gives you Earth facts and information about different time sectors and more. To operate the program, you can choose from a displayed world map by clicking on the continent where the country you want is located; then on the location of the country written on the continent. Another way to choose is by using an alphabetical list of the countries. In addition, there is a seek function that allows you to find countries based on information you feed to the computer, such as capital, population, area, or language. \$59.95
Centaur Software, Inc., P.O. Box 4400, Redondo Beach, CA 90278, (213) 542-2226

World Geography Adventure I-IV
 Game format teaches student to identify countries, cities, and other geographical features of the world. Vol. I—North and South America; Vol. 2—Europe; Vol. 3—Africa; Vol. 4—Asia. Four disks, each is \$49.95.
Queue, Inc., 562 Boston Ave., Bridgeport, CT 06610, (800) 232-2224

World Odyssey
 World geography in a puzzle format. Select map (12 choices) and answer questions about geography. You control the answer format. Score is kept for the 10 best players. \$49.99
Other Guys, The, 297 E. 200 N., P.O. Box H, Logan, UT 84321, (801) 753-7620

World Tour, Australia
 Another game in the World Tour series. Use the tutorials to learn about the provinces, capitals, languages, and more. Play the game and see how much you know. Informative maps provide information on rainfall, population, terrain, etc. Play is reinforced with speech, graphics, and sound. Print award certificates for outstanding scores. \$39.95
Designing Minds, Inc., 3006 N. Main Street, Logan, UT 84321, (801) 752-2501

World Tour, Canada
 Another game in the World Tour series. Use the tutorials to learn about the provinces, capitals, languages, and more. Play the game and see how much you know. Informative maps provide information on rainfall, population, terrain, etc. Play is reinforced with speech, graphics, and sound. Print award certificates for outstanding scores. \$39.95
Designing Minds, Inc., 3006 N. Main Street, Logan, UT 84321, (801) 752-2501

Graphic Arts
Desktop Video
Word Processing
Desktop Publishing
Music
Education
Business & Home Productivity
Programming
Utilities
Entertainment
Miscellaneous Software
Drives
Memory Expansion
Accelerators
Video Hardware
Miscellaneous Hardware
Accessories & Services
Books & Tapes
CDTV
PDS Guide
AMICUS Index
Fred Fish Index
Vendor/Product Registration
AC Back Issue Index
User's Groups
Vendor Information
Product Index by Product
Product Index by Vendor
Category Index
Last Minute Additions

World Tour, Europe

A fun educational game, based upon the popular Great States II. Complete tutorials for each country include information on languages, currency, religion, and much more. Informative maps provide information on rainfall, population, terrain, etc. Play is reinforced with speech, graphics, and sound. Print award certificates for outstanding scores. \$39.95

Designing Minds, Inc., 3006 N. Main Street, Logan, UT 84321, (801) 752-2501

▼ HEALTH ▼

◆ Blood Gases

Teaches bed-side rapid blood gas interpretation; including arterial-alveolar diffusion gradients, acid-base balance, acidosis correction, and normal values. \$49.95

Mad Scientist Software, 13422 N. Bayberry Circle, Alpine, UT 84004, (801) 756-6027

◆ Cardiac Arrest!

Advanced Cardiac Life Support (ACLS) simulator, user assumes role of code team leader, typing resuscitation orders in plain English. Complex, simple, and pediatric scenarios, 45 patients total. On-screen EKG rhythm strip. Allows user to practice and refine ACLS skills. \$69.95

Mad Scientist Software, 13422 N. Bayberry Circle, Alpine, UT 84004, (801) 756-6027

◆ Code Team!

Training programs for Advanced Cardiac Life Support (ACLS). On-screen EKG rhythm strip interpretation, self-teaching quizzes, arrhythmia scenario simulator. Prepares user to pass ACLS certification or review ACLS concepts and treatments. \$69.95

Mad Scientist Software, 13422 N. Bayberry Circle, Alpine, UT 84004, (801) 756-6027

Diabetic Diet Manager

Assists the diabetic in food selection based on his/her doctor's recommendations. \$49.95

Lee Software, P. O. Box 742644, Dallas, TX 75374, (214) 530-2864

Health Med

Comprehensive home medical guide. \$99.00

Lee Software, P. O. Box 742644, Dallas, TX 75374, (214) 530-2864

Nutri-Fax

Nutritionally analyze your recipes for the most common nutrients. Data base utilizes food items from USDA Handbook 8 and allows for easy user expansion. Includes Variety Cookbook Recipe disk with over 150 recipes edited for home use. \$59.95

Meggido Enterprises, 7900 Limonite Ave. Ste. G, 191, Riverside, CA 92509, (714) 683-5666

Nutrition Guide for the Home

Provides nutritional information on a personal basis. Recipe analysis, and daily intake analysis. \$89.95

Lee Software, P. O. Box 742644, Dallas, TX 75374, (214) 530-2864

Nutrition: A Professional Guide

A nutrition planning, reference, and analysis tool for the professional. Two disks. \$199.95

Lee Software, P. O. Box 742644, Dallas, TX 75374, (214) 530-2864

SC-936 Aids Information Game

Provides basic information on the AIDS virus in a game format for one to four people. \$39.95

MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

Total Control Diet

A high-tech approach to weight control and diet. Personal history and specific daily recommendations. \$49.95

Lee Software, P. O. Box 742644, Dallas, TX 75374, (214) 530-2864

▼ HISTORY ▼

All About America

U.S. history and geography with 16 stories, illustrations, questions, maps, and quizzes. Ages 6-11. 2 disks. Each story is followed by comprehension and vocabulary questions. Map disk covers states and capitals, directions, postal abbreviations, North & South before the Civil War, and colony maps. Uses speech as an extra stimulus. \$59.95

Unicorn Software Company, 2950 E. Flamingo Road, Ste. B, Las Vegas, NV 89121, (702) 737-8862

American History Adventure

Encourages players to master historical relationships and details through repeated play and by providing an incentive to study. In this exciting learning experience, the student plays a roving reporter who tries to meet with and identify 92 historical characters in American history, and locate them correctly in time and place. The top 40 scores are recorded in the 'Hall of Fame.' Grades 7 and up. \$49.95

Queue, Inc., 562 Boston Ave., Bridgeport, CT 06610, (800) 232-2224

History

Expansion Disk for Discovery grades 9 through 12. Ancient through modern history. Requires Discovery program disk. \$19.95

Microillusions, P.O. Box 3475, Granada Hills, CA 91394, (818) 785-7345

◆ History Adventure Games

Text-based simulations: Learn American and world history while you play. Requires 256K, 512K recommended. \$35.00

Intellectual Software, Division of Queue, Inc., 338 Commerce Drive, Fairfield, CT 06430, (800) 232-2224

SS-951 Lewis and Clark Expedition

Five disks with 50 digitized photographs and drawings provide pictorial settings for Lewis and Clark's expedition. \$89.95

MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

SS-952 Across the Plains

This two disk program provides students with information about the Westward Movement, that long and hazardous journey of American emigrants, using everything from handcart to covered wagons, across the Great Plains all the way to the West Coast. \$59.95

MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

SS-953 Early Great Lakes

A three-disk book on the fur trade. Interactive text, 30 digitized pictures of the European-Indian relationship in the 17th-19th centuries. \$79.95

MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

SS-954 Making our Constitution

Information is provided on four disks concerning this great drama and its leading players as events unfold 200 years ago between May and September of 1787 at what is now called Independence Hall on Philadelphia. \$79.95

MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

SS-955 Transcontinental Railroad

Learn about the building of the Transcontinental Railroad (1865-1869), one of the great human engineering feats in recorded history. The program uses digitized pictures created from photographs taken during those times. \$39.95

MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

SS-956 Introducing Maps

Using 20 digitized pictures, this program provides basic introductory information about maps. Topics include what maps are, seeing with maps, symbols, directions, compass directions, map legends and scales, oceans/seas/gulfs/bays/

straits, salt and soil, continents and hemispheres, in both the east and west, guidelines for finding places, latitude and longitude, degrees of latitude, lines of longitude, strengths and weaknesses of flat maps, rough surface, a changing surface, weather, climate, and the development of American mapping. \$59.95

MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

▼ LOGIC ▼

Lessons in Reading and Reasoning

The complete five disk Reading and Reasoning series which teaches logic and reading by examining various fallacies. For a more complete description of the individual lessons, please refer to the listing below. \$149.95

Queue, Inc., 562 Boston Ave., Bridgeport, CT 06610, (800) 232-2224

Lessons in Reading and Reasoning I-IV

For grades 9 and up. Lessons in reading and reasoning teach logic and reading by examining various fallacies. Lesson 1 examines shifty-word fallacies and circular reasoning. Lesson two addresses fallacies of inadequate data and the red herring fallacy. Lesson three examines stereotyping. Lesson four examines sexism fallacies and proverbs. Lessons I, II, and III are \$39.95 each. Lesson IV, two disks, is \$59.95.

Queue, Inc., 562 Boston Ave., Bridgeport, CT 06610, (800) 232-2224

The Logic Master

Helps develop high-level thinking skills in analogies and number series. Includes fantasy role playing game. Grades 5-12. \$49.95

Unicorn Software Company, 2950 E. Flamingo Road, Ste. B, Las Vegas, NV 89121, (702) 737-8862

▼ MATH ▼

Algebra I

Evaluate, plot, and simplify algebraic expressions. Work with functions, numeric expressions, geometric measurement, systems of equations, and radicals. Find roots and solve quadratic equations, linear equations, more. \$49.95

True BASIC, Inc., 12 Commerce Ave., West Lebanon, NH 03784, (800) TR-BASIC

Algebra Word Problems

Even the brightest students can be baffled by word problems. Problems are made clear with these programs, since each wrong answer draws a step-by-step explanation to help students with algebraic solutions to mathematics problems. Ten programs on one disk, graded in difficulty. \$45.00

Intellectual Software, Division of Queue, Inc., 338 Commerce Drive, Fairfield, CT 06430, (800) 232-2224

Arithmetic

Educational programs for studying and reviewing topics in arithmetic. Includes fractions, percent, square roots, metric system, and more. \$49.95

True BASIC, Inc., 12 Commerce Ave., West Lebanon, NH 03784, (800) TR-BASIC

Balancing Act

The learning objective is to be able to check a bank statement for errors through addition and subtraction. The student views a checkbook that includes deposits and withdrawals. Errors must be identified. Accuracy and speed are the factors that will either elevate the player to bank president or land him in unemployment. \$29.95

MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

Calculus

Educational program covers general topics in calculus. Includes graphing and a routine to perform symbolic differentiation on any $y=f(x)$ function. Display formulae for multiple derivatives, and plot the function and its derivatives on

single graph. Topics include limits, tangents to a curve, minima and maxima, area under a curve using approximation methods, more. \$49.95
True BASIC, Inc., 12 Commerce Ave., West Lebanon, NH 03784, (800) TR-BASIC

DESCARTES!

2-D graphing package; allows up to 50 equations composed of all standard operators and functions to be displayed simultaneously in a palette of 8 out of 4096 colors. Calculates derivatives of functions instantly. Allows easy formatting of axes, grids, as well as labelling, either linear or logarithmic. \$39.95
Mindware International, 110 Dunlop W. Box 22158, Barrie, Ontario, Canada L4M 5R3, (705) 737-5998

Decimal Dungeon

Escape the dungeon master by answering math decimal problems. Age 9 and up. Full-screen explanations are given for incorrect answers. Choose to add, subtract, multiply, divide decimals or to convert them to percents or fractions. Arcade-style game with each player on his or her own difficulty level. \$49.95
Unicorn Software Company, 2950 E. Flamingo Road, Ste. B, Las Vegas, NV 89121, (702) 737-8862

Discrete Mathematics

Educational foundation for introducing computer science. Construct truth tables, Venn diagrams, build binary trees and do binary searches, and compare sorting algorithms under different conditions. Includes True BASIC source code. \$49.95
True BASIC, Inc., 12 Commerce Ave., West Lebanon, NH 03784, (800) TR-BASIC

Fraction Action

Escape the mad professor by answering math fraction problems. Incorrect answers lead to full-screen explanations. Age 9 and up. Arcade-style game for 1 or 2 players with each in his own difficulty level. Choose to add, subtract, multiply, or divide fractions. \$49.95
Unicorn Software Company, 2950 E. Flamingo Road, Ste. B, Las Vegas, NV 89121, (702) 737-8862

Fraction Concepts

There are four programs on this disk. They teach the primary concepts and skills needed to work with fractions. Topics include writing proper and improper fractions and mixed numbers, identifying equivalent fractions, and reducing fractions. \$79.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

MA-903 Medal Winner

Grades 4-8. Arrange digits of two numbers to produce the highest product. Create a multiplication problem with three digits (four digits in the advanced level) that will produce highest product. Teaches logic as well as multiplication. \$29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

MA-904 Sum-It Mountain

Grades 1-8. Success depends on the student's ability to add numbers rapidly. Carry a flag to top of mountain; mistakes return you to the bottom. Clock records climbing time. Brings students to the 'peak' of successful addition! \$29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

MA-909 Pinball I.Q.

Grades 3-8. Division lessons combined with a video pinball game. Find the whole number part of a quotient in division. Correct answers light up bumpers on a pinball machine and build up score. Game ends when all numbers are lit. \$29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

MA-921 First Year Algebra

Learn on a step-by-step basis how to develop skills for solving algebraic equations with emphasis on arithmetic properties. Acting as your personal tutor, the Amiga will teach you what

you should know about basic algebraic equations, binomial multiplication using the FOIL method, monomial and binomial factoring procedures, binomial squared factoring and completing the square. \$99.00
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

MA-922 Algebra: The Computer/Textbook Connection

Enter any equation of your choice. Let your Amiga show you step-by-step how to solve it. Will automatically fit any algebra textbook. \$99.00
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

MA-928 Numbowl

Grades 3 to 9. Work with three digits and two operations to create an expression that is as close to 30 as possible. As in bowling, there are ten turns or frames. \$29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

MA-930 Parting Shots

Grades 4 to 9. Compare one set of objects to its whole, as a fraction, and reduce that relationship to lowest terms. There are three levels of play and ten turns. \$29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

MA-932 Math Golf

Grades 4 to 9. Produce a result as close to one as possible from a three-number expression of two operations. A golf game format is used. \$29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

MA-936 Number Jumper

Grades 1 to 8. View a group of single-digit addends for a limited time and recall the sum. With each success, a jumper hurdles the numbers. Multiples can be studied by using identical addends. \$29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

MA-938 Caterpillar 500

Grades 2 to 8. Solve simple whole-number equations that include multiplication and either addition or subtraction. A game format is used in which a caterpillar speeds around an oval in an Indy-type race. \$29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

MA-943 Last of the Ninth

Grades 2 to 8. Find the product of two numbers, one of which could be a two-digit number. A baseball game format is used in this multiplication exercise. \$29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

MA-944 Slam Dunk

Grades 1 to 8. In a timed exercise, identify as many basic facts as possible from the operation of the learner's choice. For each correct fact, a basketball player swishes the net with a long shot. A slam dunk takes place as a super bonus for five right answers in a row. \$29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

MA-948 Pail Green

Grades 4 to 9. Given one fraction and either the numerator or denominator of another, you name equivalent fractions. This program can also be used in a unit on ratio and proportion. \$29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

MA-953 On the Line

Grades 4 to 9. Name improper fractions as mixed numbers, and visa versa. Football jerseys illustrate the theme. \$29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

MA-954 Branded

Grades 3 to 9. Name, as a fraction, the relationship of a part to its whole. Cattle, some branded, graphically highlight the point. \$29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

MA-967 Sum Fun

Grades 3 to 8. Position single-digit numbers in a 4 x 4 grid to maximize the sums of certain rows and columns. Skill prevails over luck in this lesson game that can be played by an individual or an entire group using game sheets. \$29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

MA-993 Figuring the Angles

Grades 4-9. Estimate with increased accuracy, the size of acute and obtuse angles. There is a game theme related to golf in which the goal is to better par. \$29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

MA-998 How-To Addition

Grades 1-8. Add whole numbers by column, with regrouping or no regrouping. Lessons with 14 option levels can be tailored to the student's individual needs. \$29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

MA-999 How-To Subtraction

Grades 1 to 8. Subtract whole numbers by column with regrouping. Lessons with eight option levels can be tailored to the student's individual needs. \$29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

Maple V

Maple V delivers a completely new graphical user interface with 3-D color graphics. It is built upon industry standards such as UNIX, the X Window System, TCP/IP, and PostScript. Maple has an extensive library of procedures—approximately 2,000—common to many scientific and engineering applications. Its facilities include arithmetic with integers, fractions, unknown variables, polynomials, and general expressions; solving equations; factoring; taking derivatives and series expansions of functions; indefinite integration; solving differential equations and recurrence equations; matrix operations; plotting; and much more. Supports Amiga 1000, 2000, 2500, and 3,000. Requires AmigaDOS v2.04, 2MB RAM, and 10MB disk storage. \$450.00
Waterloo Maple Software, 160 Columbia Street West, Waterloo, Ontario, Canada N2L 3L3, (519) 747-2373

Math 1

Expansion Disk for Discovery basic four-function math drills for grades 1-7. Requires Discovery program disk. \$19.95
Microillusions, P.O. Box 3475, Granada Hills, CA 91394, (818) 785-7345

Math Blaster Plus

Math Blaster Plus contains five motivating learning activities covering over 750 basic math facts. The program covers more subject areas than other math programs: addition, subtraction, multiplication, division, fractions, decimals, and percents. An exciting arcade-style game motivates children to learn, while an optional record-keeping feature monitors students' progress. A printed Certificate of Excellence rewards outstanding scores. \$49.95
Davidson & Associates, Inc., P.O. Box 2961, Torrance, CA 90509, 800-556-6141

Math Concepts

Expansion Disk for Discovery grades 9 through 12. Prepare for SAT's, practice problems in algebra, geometry, trig, and more. Requires Discovery program disk. \$19.95
Microillusions, P.O. Box 3475, Granada Hills, CA 91394, (818) 785-7345

Graphic Arts
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Desktop Publishing
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Education
Business & Home Productivity
Programming
Utilities
Entertainment
Miscellaneous Software
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Memory Expansion
Accelerators
Video Hardware
Miscellaneous Hardware
Accessories & Services
Books & Tapes
CDTV
PDS Guide
AMICUS Index
Fred Fish Index
Vendor/Product Registration
AC Back Issue Index
User's Groups
Vendor Information
Product Index by Product
Product Index by Vendor
Category Index
Last Minute Additions

Math Doctor

Teach all basic math functions just as the schools do. Whole numbers and fractions, decimals too. Use borrows and carries just as you would on paper. Easy to use graphics interface with speech and positive reinforcement. \$39.95
Designing Minds, Inc., 3006 N. Main Street, Logan, UT 84321, (801) 752-2501

Math Odyssey

Math in a puzzle format. Math questions are asked. You select the answer. When completed, put together a puzzle. Score is kept for the 10 best players. \$49.99
Other Guys, The, 297 E. 200 N., P.O. Box H, Logan, UT 84321, (801) 753-7620

Math Wizard

Four educational math games for 1 or 2 players, ages 5-13. Talking program with several skill levels. Add, subtract, multiply, divide, or learn how to do word problems. Players can practice math together with each on his own difficulty level and mathematical operation. \$49.95
Unicorn Software Company, 2950 E. Flamingo Road, Ste. B, Las Vegas, NV 89121, (702) 737-8862

Math-A-Magician

Add, subtract, multiply, or divide fractions or whole numbers. Play, practice, and learn. Features graphics and speech. \$39.99
Other Guys, The, 297 E. 200 N., P.O. Box H, Logan, UT 84321, (801) 753-7620

Math Vision

Math Vision is a tool for scientific and mathematical visualization. Feature data-input/graphics-output, HAM, overscan, half-brite, ARexx, image processing, math coprocessor support through IEEE, hook to access external programming, and a wide variety of additional functions, including animation and print capabilities for pictures and paint formulas. \$197.00
Seven Seas Software, P. O. Box 1451, Port Townsend, WA 98368, (206) 385-1956

Mathasaurus

Ages 3 and up. Mathasaurus is an action adventure game, that kids can actually play, learn addition, subtraction, and expand their minds. Real digitized voice sounds, Babysaurus, Aliens, Dragons, and much more make it arcade fun. \$19.95
Cancor, 14 Garrard Rd., Whitby, Ontario, Canada L1N 3K3, (416) 434-4247

Maths Master

Australian Maths educational package for Grades K to 6 for Commodore Amiga. Observes arithmetic procedures used in Australian schools and includes graphics and sound featuring popular Australian animals. Provides three levels to cater for developing skills. \$39.00
Desktop Utilities, P.O. Box 3053, Manuka, Australia ACT 2603, (011) 616-239-6658

Maxi Taxi

Grades 4-9. The learning objective is to determine maximum earnings in a work situation by relating time to money. The student earns as much as possible per hour as a taxi driver. Potential is based on the rate and the time each ride consumes. \$29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

Parking Lot

Grade 4-9. The learning objective is to make the greatest business profit by applying the law of supply and demand. The student attempts to fill all the spaces in a parking lot by charging the highest monthly rate that the traffic will bear. \$29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

Pre-Calculus

An introduction to calculus and trigonometry. Educational programs for plotting and comparing functions, manipulating range. Solve tri-

angles, learn polar coordinates, overlay functions on same graph or manipulate range. Solve triangles using SAS, ASA, SSS, and SSA methods. More. \$49.95
True BASIC, Inc., 12 Commerce Ave., West Lebanon, NH 03784, (800) TR-BASIC

Probability Theory

Introduction to probability theory and decision-making processes. Simulate coin toss, dice throw, and random walks. Introduce normal and poisson distributions and the Central Limit Theorem, Bayes Probabilities, Markov Chains. Many useful examples like gambler's ruin, Galton Box, birthday problem, and craps. Tools for Venn diagrams, more. \$49.95
True BASIC, Inc., 12 Commerce Ave., West Lebanon, NH 03784, (800) TR-BASIC

Scare City Motel

Grades 4-9. The learning objective is to maximize business earnings by equating supply with demand. As a motel owner, the student's goal is to make the highest profit. If there are more customers than rooms, rates can be raised. If too many rooms are empty, rates should be lowered. The learner's business skill is evaluated. \$29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

Space Math

An out-of-this-world way to learn math for children ages 8 and older. The object is to maneuver your space craft through outer space to land on alien planets. Earn points for correct answers and perfect landings. Eight levels of play and 27 possible difficulty settings. \$14.95
Intracorp, Inc., 14160 S.W. 139th Court, Miami, FL 33186, (800) 468-7226

The Enchanted Cash Register

A great way to teach children about money. Run an imaginary or real store. Figure totals and change due. Keep an inventory list with prices and descriptions for easy use. Fun graphics interface to make learning fun. \$39.95
Designing Minds, Inc., 3006 N. Main Street, Logan, UT 84321, (801) 752-2501

The Math Advantage

Talking elementary math tutorial, now with a great new game, Equation Invasion, 10 levels of math through simple division. Course is self-adjusting to fit the student and recognizes learning disabilities, such as digit reversal. Designed to be just like hiring a math tutor. Requires 512K. \$29.99
ISOM Software, 2614 Bowling Green Drive, Vienna, VA 22180, (703) 849-1838

Trigonometry

A general-purpose software tool which can be used to illustrate concepts in a trigonometry course, or advanced algebra with a trigonometry unit. Solving triangles, roots of functions, combining functions, trigonometric identities, and polar coordinates, with a choice of radians or degrees for examples. \$49.95
True BASIC, Inc., 12 Commerce Ave., West Lebanon, NH 03784, (800) TR-BASIC

TrueSTAT

Educational programs use an interactive approach to introduce statistical analysis. Many topics. Features built-in editor and syntax. \$49.95
True BASIC, Inc., 12 Commerce Ave., West Lebanon, NH 03784, (800) TR-BASIC

▼ MUSIC ▼

Fun Keys

A educational music program allows your children to play beautiful music with your Amiga. With Fun Keys, your keyboard becomes an electronic organ. You can play different sounds and instruments on the keyboard while Fun Keys

accompanies you with one of eighteen different background beats. You can record your music, play it back, or change the speed of the beat. Ages 4 to adult. \$24.95
MicroSearch, Inc., 9896 Southwest Freeway, Houston, TX 77074, (713) 988-2818

◆ Music of Asia

Volume One in a series. Each volume uses a control-panel interface with book-like features: contents, glossary, user-controlled page-turning, and page-skipping. The first volume, Gagaku, presents the history and theory of 'elegant music' at the Japanese Imperial Court. Three-disk set, with over 15 minutes of music. \$34.95
Mesa Graphics, 909 East 49 1/2 St., Austin, TX 78751, (512) 452-2441

▼ SCIENCE ▼

All About Whales (story diskette)

Fun and informational story all about whales. Learn different types and classifications of whales. What they eat and where they live, plus much more. For use with Talking Storybook reader diskette. \$29.95
Designing Minds, Inc., 3006 N. Main Street, Logan, UT 84321, (801) 752-2501

Astronomy Disks

User-written astronomy and space-science public domain and shareware software collection. Send SASE requesting Amiga catalog. \$4.00
Kinetic Designs, P.O. Box 1646, Orange Park, FL 32067-1646

◆ CoreWars

An implementation of the CoreWars system environment as published by A.K. Dewdney in Scientific American's 'Computer Recreations'. In the CoreWar system, two programs are written in a language called RedCode, which consists of 8 simple instructions. The two programs are compiled and placed together inside the computer's 'Core'. The object is for each program to seek out and disable the other program causing the other to cease running. This system includes the assembler, the run time system and full on-disk documentation. This can be used in a computer science class as an introduction to machine/assembly language. \$24.95
SterlingWare, Inc., Whiteside Area Vocational Center, 1608 Fifth Ave., Sterling, IL 61081, (815) 626-5810

◆ Deep Sky Objects Expansion

Deep Sky Object shows 213 scanned observatory images of galaxies, nebulae, and star clusters. Most of the objects from the Messier Star Catalog are included, as well as over 1200 NGC (New General Catalog) objects. Point and click to an obscure pinprick of a star and see a detailed photograph of how it looks to professional astronomers using high-powered visual instruments. Black and white images displayed in a box similar to 'telescope' mode in Distant Suns. Installable on hard disk. \$30.00
Virtual Reality Laboratories, Inc., 2341 Canador Court, San Luis Obispo, CA 93401, (805) 545-8515

Distant Suns

Version III of the award winning Galileo planetarium simulation. Distant Suns won the '88 CES (Computer Electronics Show) award for the most innovative educational product and Amazing Computing's best educational product for '89. Distant Suns turns your Amiga into a planetarium. The sky can be viewed from any place on Earth or from the North Pole lying on your back looking upward in planetarium mode. The program accurately replays 10,000 years of what the sky looked like and it projects 10,000 years into the future. It is a very beautiful and realistic color simulation of the sky created by R. Mike Smithwick, a NASA astronomer, and published by Virtual Reality Laboratories. Galileo (now

Distant Suns) is fun, in addition to being powerful and visually stunning. Requires 512K. 2.0 compatible. Requires 512K NTSC; 1meg PAL. \$69.95

Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515

I.C.E. Integrated Calculation Engine

Programmable calculator construction system. Design customized calculators which are fully programmable and include an integrated program editor. Over 50 advanced functions are included supporting math, engineering, scientific, logical, trig, statistical, and financial operations. Additional functions can be user programmed. Alternate key sets on each calculator allow binding of complex formulae to single keys. Hex, decimal, and binary systems are supported. Graphic plotting window with scalable grid for visual data analysis. HOT KEY activation of calculators. Fully Intuition-compatible for multitasking versatility. Example calculators and programs included. \$49.95

King Publishing, 1200 Treadway #226, Austin, TX 78704, (512) 448-2414

Physics of Motion

A tutorial and self-study guide of mechanics with interactive problem solving. \$49.95

Lee Software, P. O. Box 742644, Dallas, TX 75374, (214) 530-2864

◆ RangeFinder

This is an AmigaVision multimedia physics lesson on projectile motion, recoil velocity, and the force of friction. After instructions and demonstrations of the effect of muzzle velocity and cannon angle on a cannon ball's trajectory, the students are presented with a wide angle view of a landscape, a cannon, and a target. The students try to hit the target by adjusting the cannon angle and ball velocity. Requires AmigaVision, 3MB RAM and about 2MB available on a hard drive. *SterlingWare, Inc., Whiteside Area Vocational Center, 1608 Fifth Ave., Sterling, IL 61081, (815) 626-5810*

◆ SC-928 Blood Bank

Grades 5 to 9. Increase the supply in a blood bank by mastering a set of basic terms about the human circulatory system. If responses are wrong, or a review is requested, the supply is depleted. \$29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

◆ SC-929 Explorer's Digest

Grades 5 to 9. Display your mastery of a set of basic terms about the human digestive system and help Lewis and Clark expedition reach its destination. A map charts the course of the expedition. \$29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

◆ SC-930 Second Wind

Grades 5 to 9. Run a four-minute mile by displaying your mastery of a set of basic terms about the human respiratory system. Graphics are included. \$29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

◆ SC-931 Salvage

Grades 6 to 9. Demonstrate your mastery of a set of basic terms about the human excretory system. The learner is portrayed as the operator of an aluminum recycling center. \$29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

◆ SC-932 Sunnyside Up

Grades 6 to 9. Become a successful egg farmer by demonstrating mastery of a set of basic terms about the human reproductive system. The more you know about reproduction, the more eggs your chicken will produce. \$29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

SC-935 Planet Probe

Grades 3-9. Teaches facts about the solar system through an arcade-style space simulation. Learn about planets and build up fuel supply as you attempt to land space ships safely on nine planets. \$29.95

MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

◆ SC-955 Save the Whales

Grades 4 to 9. Guide the whales through pirate waters to safety by displaying your knowledge about them. The program uses a game format. \$39.95

MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

SciPak1

Collection of scientific and mathematical programs gathered from a variety of public domain sources and collected for those interested in scientific and mathematical computing. \$10.00
MegageM, 1903 Adria, Santa Maria, CA 93454, (805) 349-1104

please see display ad page 8

Science Expansion Disk for Discovery

Grades 9-12. For education or SAT preparations. Covers general science. Requires Discovery program disk. \$19.95

Microillusions, P.O. Box 3475, Granada Hills, CA 91394, (818) 785-7345

◆ Sky Map-Level 1

Sky Map adds more than 20,000 additional 'Distant Suns' to your sky. The data for these stars, such as location, luminosity, etc. was taken directly from NASA's own deep-star catalog, which is comprised of relevant information on over a quarter-million stars. SkyMap includes the brightest stars from the catalog, or those with magnitudes of 7.25 or brighter. The result is visually gorgeous. Data can also be displayed about these stars. Hard disk installable. Two disk set \$25.00

Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515

◆ Small

Simulated Mini Assembly Level Language-this program is an assembly language consisting of 20 easy-to-understand and use mnemonics (LD, STA, REM, JSR, RTS, ADD, CMP, etc.). Small uses a fully intuition-driven interface for entering, running, editing and all other functions. The main screen simulates a calculator keyboard where all functions are selected by clicking on the appropriate buttons. On-Line help is available at any time via menu selections. \$24.95
SterlingWare, Inc., Whiteside Area Vocational Center, 1608 Fifth Ave., Sterling, IL 61081, (815) 626-5810

Solar Ephemeris 2.0

Package determines the position of the sun and calculates the angles of the shadows that it casts. This information is essential to those who are involved in projects that utilize solar energy, for conservationists. A variety of printout options are provided, to satisfy the specific requirements of users. \$39.95

AusTechnoCorp, c/o Moore College, King Street, Newtown NSW 2042, Australia, (011) 612-516-3723

Solar System (story diskette)

Another talking story for the Talking Storybook. Children learn about the planets in the solar system through graphics, text, speech, sound, and music. \$29.95

Designing Minds, Inc., 3006 N. Main Street, Logan, UT 84321, (801) 752-2501

Space Photos

Pictorial history of space exploration from first explorer launch in 1958 through Apollo, Viking, Mariner, Shuttle, to Voyager at Uranus 1989. Includes 170 digitized & annotated color pics from NASA and JPL. User interface for classroom or home use. \$20.00

Signs Etc. by D. Knox, P. O. Box 628, Carmichael, CA 95609, (916) 944-4282

◆ Space Visions

A collection of 246 IFF space flight, solar system and deep sky images. Full screen, hi-res, color and B & W (not overscan). Selections by Mike Smithwick, author of Distant Suns. Package of 25 disks made up of 11 sets. Available direct from Virtual Reality Labs only. May be purchased as complete package or individual sets. To be viewed with paint program—not Distant Suns. \$100.00
Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515

◆ Yale Bright Catalog Expansion Disk

Yale Bright Star Catalog adds 9,100 more stars to your Distant Suns sky, which already has more than 2,200. The user is able to pull up data on more than 7,000 of these stars. Hard disk installable. \$18.00

Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515

▼ SOCIAL STUDIES ▼

ED/SS

Social Studies Expansion Disk for Discovery politics, religion, population growth, and more. For grades 9 through 12. Requires Discovery program disk. \$19.95

Microillusions, P.O. Box 3475, Granada Hills, CA 91394, (818) 785-7345

ED/SS-909 Social Studies Vocabulary

SS-909 Helps students develop a useful vocabulary in the area of social studies. Social studies vocabulary is elementary level. Social studies vocabulary in farming, forest, desert, ocean, manufacturing, trading, and political fields. \$29.95

MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

◆ How a Bill Becomes a Law

The student becomes a Congressperson trying to get a bill passed in the US Congress that would require a Jonathan apple to be included in every federally financed school lunch. The object is to accomplish this goal without jeopardizing the player's political career. The student must make decisions on moral and strategic issues and bargain for support. Seven possible outcomes enhance student understanding of political compromise and present the conflict of ethics versus political success. Requires 256K, 512K recommended. \$45.00

Intellectual Software, Division of Queue, Inc., 338 Commerce Drive, Fairfield, CT 06430, (800) 232-2224

◆ SS-950 Christopher Columbus

Next year, Americans will celebrate the 500th anniversary of Columbus's first voyage to the New World. He was not trying to get there. Neither Columbus nor anyone else in the Old World knew it even existed. He thought he had reached China. This careful account will acquaint you with what is known about the basic facts of Columbus's life—including his three other voyages to what we now call the Americas. Includes on-screen maps that will show you where he went, and why. (2 disks) \$49.95

MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

Graphic Arts
Desktop Video
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Education
Business & Home Productivity
Programming
Utilities
Entertainment
Miscellaneous Software
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Memory Expansion
Accelerators
Video Hardware
Miscellaneous Hardware
Accessories & Services
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CDTV
PDS Guide
AMICUS Index
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Last Minute Additions

◆ SS-960 Women in Ancient Greece and Rome

This is a book-with-software approach to instruction. Both the book and the software may also be used independently of one another. The teaching strategy features Mastery Learning. \$49.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

◆ The United Nations: An Introduction

An introduction to the United Nations and its affiliated organizations. Designed for gradeschool age children as an introduction to the U.N. Ideal for children from grades four through eight. Multimedia application. Requires 1MB of memory, AmigaVision, and hard disk. \$49.95
Creativedge Systems, 1436 N. Prospect, Ypsilanti, MI 48198-3067

▼ TEACHING AIDS ▼

AU-901 CLAS Computerized Lesson Authoring System

For those who wish to create their own interactive teaching lessons, but have no programming skills. CLAS has the answer: Tell the Amiga what you want and let it write the program. CLAS lets you write imaginative programs that utilize all the Amiga's capabilities. You can use the digitized picture screens, add voice and music, and custom-design all your programs. CLAS contains English, German, Spanish, and French alphabets. \$129.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

◆ Barney Bear Goes Camping

Barney Bear Goes Camping is a fun, educational, and learning game for children ages 2-6. The game is filled with graphics specially designed to interest young children. It includes a story, a maze game, connect-the-dots, shadow game, coloring book, the ability to create a slide show, and more. Requires 1 meg. \$34.95
Free Spirit Software, Inc., P. O. Box 128, 58 Noble St., Kutztown, PA 19530, (215) 683-5609

Barney Bear Goes to School

Barney Bear Goes to School, a musical, colorful learning game for children ages 2-6, contains counting games, letter games, colors, shapes, and a coloring book program with over a dozen pictures. See CDTV section also. \$34.95
Free Spirit Software, Inc., P. O. Box 128, 58 Noble St., Kutztown, PA 19530, (215) 683-5609

Barney Bear Goes to Space

Barney Bear Goes to Space, a learning game for children ages 2-6, introduces the concepts of the planets, the sun, gravity, and space travel with stories, games, graphics, and animation. \$34.95
Free Spirit Software, Inc., P. O. Box 128, 58 Noble St., Kutztown, PA 19530, (215) 683-5609

Barney Bear Goes to the Farm

Barney Bear Goes to the Farm, a learning game for children ages 2-6, contains short 'I can read' stories, a scarecrow with interchangeable heads, torsos, and legs, a coloring book program, a 'What belongs' game, and of course, lots of graphics, sounds, and music. \$34.95
Free Spirit Software, Inc., P. O. Box 128, 58 Noble St., Kutztown, PA 19530, (215) 683-5609

Barney Bear Meets Santa Claus

Barney Bear Meets Santa Claus, a learning game for children 2-6 contains a memory game, a mix-up-the-parts toy machine, and a coloring book program. \$34.95
Free Spirit Software, Inc., P. O. Box 128, 58 Noble St., Kutztown, PA 19530, (215) 683-5609

FTD Pilot

Programmed Inquiry Learning Or Teaching. FTD Pilot implements the PILOT language developed for CAI. Unlike earlier PILOT versions, FTD PILOT uses much of the Amiga's graphics and sound capability. Good for writing lessons and preparing (including IFF), sound, record keep-

ing, laser disk control, and more. Requires 512K with hard disk for optimal graphics. Uses Kickstart 1.2+. \$39.95

Flight Training Devices, P. O. Box 91723, Anchorage, AK 99509, (907) 276-6719

Teachers Toolkit V 1.0

Comprehensive system for teachers in all grades. Has built in gradebook, lesson planning, text editor, Rolodex, and calendar system. Also implements line and bar graph routines for student comparison charts. \$49.95
TTR Development, Inc., West Towne Office Center, 6701 Seybold Rd. Ste. 220, Madison, WI 53719, (608) 277-8071

▼ TEST PREPARATION ▼

Analogies I

Students will improve aptitude test scores as they learn how to analyze and solve analogies with a step-by-step approach. Package includes tutorial (step-by-step) and drill (remediation on all wrong answer) disks. \$65.00
Queue, Inc., 562 Boston Ave., Bridgeport, CT 06610, (800) 232-2224

Analogies II

Designed to help prepare students for the analogies section of college aptitude tests. \$65.00
Queue, Inc., 562 Boston Ave., Bridgeport, CT 06610, (800) 232-2224

College Aptitude

Reading Comprehension Exercises
Excellent practice and training for all high-school or near high-school grade level readers. Also helps prepare for college aptitude tests. Three disks. \$65.00
Queue, Inc., 562 Boston Ave., Bridgeport, CT 06610, (800) 232-2224

Language Expansion Disk for Discovery

Speech, grammar, vocabulary, communications, and much more. Prepare for SAT's. Requires Discovery program disk. \$19.95
Microillusions, P.O. Box 3475, Granada Hills, CA 91394, (818) 785-7345

◆ Preparing for College Boards

Extensive tutorial for aptitude tests covering analogies, antonyms, reading comprehension, sentence completion. Requires 256K, 512K recommended. \$60.00
Intellectual Software, Division of Queue, Inc., 338 Commerce Drive, Fairfield, CT 06430, (800) 232-2224

Sentence Completion

Reading comprehension exercises help students improve scores on sentence completion items on college aptitude tests. The program provides numerous examples and practice exercises which strengthen the ability to solve sentence completion problems. \$34.95
Queue, Inc., 562 Boston Ave., Bridgeport, CT 06610, (800) 232-2224

▼ TYPING ▼

Mavis Beacon Teaches Typing

Want to learn how to type? We have the answer. Our award-winning program customizes the perfect typing course to your individual needs with the help of true Artificial Intelligence. You learn fast with the world's finest typing instructor at your side every time you practice. Mavis makes learning interesting and fun! With lessons and games that teach. \$49.95
Software Toolworks, The, 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

Typing Tutor+

Word Invaders Typing tutor/game. Typing Tutor+ teaches touch typing. Word Invaders uses games to teach typing techniques. Blast the invading words out of the sky. Game speed, selections for beginner to advanced. \$34.95
Academy Software, Inc., P. O. Box 6277, San Rafael, CA 94903, (415) 499-0850

▼ MISCELLANEOUS ▼

CellPak

Collection of cellular automata programs gathered from a variety of public domain sources. \$10.00
MegageM, 1903 Adria, Santa Maria, CA 93454, (805) 349-1104
please see display ad page 8

FASTFACTS Trio: The United States, The Solar System, & The Elements

United States: A United States map with point and click access to detailed information on all 50 states. Also includes U.S. Constitution and Declaration of Independence. Solar System: A view of the solar system with point and click access to detailed information on the sun, asteroids, planets, and their moons. Element: A colorful periodic table with point and click access detailed information on each of the 106 elements. Soon to be shareware. \$15.00
BTPSoftware (see also Jumpdisk), 3515 Race Lane Road, Okeana, OH 45053

Magical Myths

Three stories with graphics, glossary, and questions. Several games, mini-word processor. Ages 8-12, 1-2 players. Helps build important vocabulary and comprehension skills while learning about the wonders of the ancient Greek myths. Uses speech. \$49.95
Unicorn Software Company, 2950 E. Flamingo Road, Ste. B, Las Vegas, NV 89121, (702) 737-8862

Memory Challenge Series #1

Education game for ages 3 and up. Helps teach memory recognition, retention, and recall. First match all pieces, then put puzzle together. Configurable by parents with built-in editor. \$39.95
TTR Development, Inc., West Towne Office Center, 6701 Seybold Rd. Ste. 220, Madison, WI 53719, (608) 277-8071

◆ My Paint

A paint program just for kids! Offers children an easy, fun introduction to the Amiga by painting on the screen with the mouse. Features animated icon drawing tools, various brush types, an 'undo' function, and 28 pre-drawn pictures to color in, like a computerized coloring book! Each picture has a sampled sound to accompany it. 'Reveal Surprise Picture' mode lets any child draw a perfect picture or the child (or adult) can draw his or her own picture-perfect masterpiece. Designed for children, but fun for all ages! Requires 512K and one drive. \$49.95
Centaur Software, Inc., P.O. Box 4400, Redondo Beach, CA 90278, (213) 542-2226

Trivia 1 Expansion Disk for Discovery

Trivia categories include Nobel Prize winners, sports, and famous quotes. Discovery program disk required. \$19.95
Microillusions, P.O. Box 3475, Granada Hills, CA 91394, (818) 785-7345

Trivia 2 Expansion Disk for Discovery

Trivia categories include movies, space travel, and famous people. Discovery program disk required. \$19.95
Microillusions, P.O. Box 3475, Granada Hills, CA 91394, (818) 785-7345

◆ WallyWare Cryptograms

Based on the simple-substitution cipher, Cryptograms challenges players to decode short messages, often a witty or humorous quote from a famous person. Its unique word processor-like interface coupled with an array of menu functions create an ideal platform for creating or solving cryptograms. Supports ACA standards. \$39.95
WallyWare, 1324 Parkwoods Terrace, Midwest City, OK 73110, (405) 733-2768

Business & Home Productivity

Accounting	51
Business & Home Productivity	
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Finance	54
Forms	55
Integrated	55
Miscellaneous	56
Planning	55
Spreadsheet Utilities	55
Spreadsheets	55
Statistical Analysis	55
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▼ BUSINESS & HOME PRODUCTIVITY GENERAL ▼

CAL Calendar Maker

Create your own custom calendars. Print any size from wallet to wall. Accepts fonts or uses library provided. Keep several calendars under different names. Set your own starting dates. Accepts information from applications like NAG Plus via ARexx. PAL compatible and 2.0 compatible. \$99.95

Gramma Software, 17730 15th Avenue N.E. Ste. 223, Seattle, WA 98155-3804, (206) 363-6417

FLO, Floor Plan Construction Set

An aid to floor plan design. Industrial standard libraries of home and professional plus hand-capped access office furnishings. Create and arrange rooms and areas, and print in several scales; metric or English grid. \$79.95

Gramma Software, 17730 15th Avenue N.E. Ste. 223, Seattle, WA 98155-3804, (206) 363-6417

FRED, Speed Dialer

Speed data telephone book that stores data in three fields, 286 characters each. Works with or without modem. Pal compatible. Point-and-search capabilities and has call log, and will attach notes to names or numbers. ARexx port. Report generator, 2.0 compatible. \$79.95

Gramma Software, 17730 15th Avenue N.E. Ste. 223, Seattle, WA 98155-3804, (206) 363-6417

HyperBook

An application generator that simplifies the process of creating, developing, and using personal and business applications, as well as presentations and interactive learning 'books.' Text, graphics, pictures (IFF), and scrollable lists are quickly created and positioned on 'pages' that can be linked to other pages to make a 'book.' Ease of use and power make HyperBook a powerful tool for home, education, and business applications. \$99.95

Gold Disk, Inc., 5155 Spectrum Way, Unit 5, Mississauga, Ontario, Canada L4W 5A1, (416) 602-4000

Inventory

This inventory management program is intended for people who want to keep track of things, where they are, how much they cost, when to reorder, and so forth. It is used in a multitude of different settings; in restaurants, aircraft assembly factories, liquor stores, component manufacturers, and so forth. The program has modules which keep track of the orders and sales. When parts are received the inventory is automatically

updated. Similarly when something is sold, the appropriate item or items are removed from inventory. All updates show dates of the present update and of the last previous update. This program allows you to keep track of what is going on, hour by hour, where things are, where they are coming from, and where they are going. It's a simple common sense aid to efficient business practice. \$125.00

Lionheart Press, Inc., P. O. Box 379, Alburg, VT 05440, (514) 933-4918

K-Graph 3

From Kuma Software of England. Prepare graphics displays for presentations and use in documents. Line/scatter graphs, area graphs, pie charts, stacked, horizontal, three dimensional, and normal bar. Automatic axis scaling, grid on/off, save graph option, statistics, Math and logical expressions, graph formulas, automatic creation of legends and labels, and marker positions. Display up to four graphs at a time. Prints to any Epson or Epson-compatible printer. Data interchangeable with K-Spread 3 and K-Word 2. \$99.95

MichTron, 3201 Drummond Plaza, Newark, DE 19711, (302) 454-7946

NAG Plus Schedule Assistant

An appointment calendar and much more. NAG Plus is able to execute ARexx macros with one RMB click or automatically. Edits 15 years, 198 events per day. Dialer, notepad, point and search, on-screen HELP files, memory resident, and voice and sound reminders. PAL compatible and 2.0 compatible. \$99.95

Gramma Software, 17730 15th Avenue N.E. Ste. 223, Seattle, WA 98155-3804, (206) 363-6417

Personal Finance Manager

Personal Finance Manager provides an easy-to-use way of looking after your bank account, building society account, credit cards, etc. It's WorkBench interface allows transactions to be entered or altered as easily as filling out a form. The number of entries is limited only by the size of the memory. Account entries are automatically placed in date order. Features include auto balancing against statement, movable and re-sizeable windows, account print option, and more. Graphic analysis includes balance plot, budget comparison, and spend pie charts.

MichTron, 3201 Drummond Plaza, Newark, DE 19711, (302) 454-7946

Personal Information Manager

Use your Amiga to deal with all the countless pieces of random information such as lists, plans, notes, contacts, actions, ideas, schedules, finances, zip codes, area codes, addresses, client profiles, and much more! You don't need to be a programmer to use this personal information manager! You can easily plan projects and events, build a knowledge base and a database to hold all the information you can think of in the structure you choose. Requires 1MB RAM, hard drive, AmigaDOS 2.0 or 1.3. \$159.95

Unique Design Software, P.O. Box 641, Shirley, NY 11967, (516) 281-1530

Personal Video Librarian

Comprehensive video collection management system. Menu-driven, easy-to-use screens, fast, flexible retrieval, online help, powerful report writer, user-defined fields, notes. Retrieve by any field or combination thereof. User-definable cat-

egories. Custom-design your own reports and labels or use those included with PVL. Free info pak. Requires 1MB RAM, hard drive. \$75.00

Personal Database Applications, 2616 Meadow

Ridge Dr., Duluth, GA 30136-6037,

(404) 242-0887

ProWrite 3.1

Full featured in a very intuitive and easy-to-use environment. Some features you get: Multiple columns with either parallel or snaking text flow. Color output, print graphics and NLQ text side by side, a WYSIWYG display, 100,000 word spell checker, and print merge. Add to that a thesaurus with over 300,000 cross references, and Macros are available (when used in conjunction with ARexx). ProWrite has greater printer flexibility; you get maximum control in nearly all printing variables. We have also included a 'Speak' option in ProWrite. You can either have it read the entire document or selected portions, or enter phonetic codes and have those spoken, which is great for educational purposes. ProWrite runs on all Amiga systems with one megabyte of RAM or more, and Kickstart version 1.2 or later. \$175.00

New Horizons Software, Inc., 206 Wild Basin Road,

Ste. 109, Austin, TX 78746, (512) 328-6650

Secretary

Designed for everyone who wants more control over their time and life with functions that help organize activities. The program provides an 'at a glance' four-week schedule to do, follow-up, and reminder entries. You can search historical and future entries. The package also provides a full-featured phone/name and address capability including a 'quick index look-up' feature and ability to create mailing labels. Printout of weekly schedules and phone/address lists is also included.

Expert Services, 5912 Centennial Circle, Florence, KY 41042, (606) 371-9690

The Disk Labeler

The Disk Labeler allows the user to print customized labels for 3.5-inch diskettes, and utilizes the features and fonts of the users particular printer. It also creates and maintains a catalog of all disks that have been labeled. \$39.95

Software Technology, Inc., P.O. Box 22066 or 10616

S.E. McLough, Portland, OR 97222,

(503) 653-2090

▼ ACCOUNTING ▼

Accounts Payable

Helps manage and track cash liabilities. Posts payments to general ledger or check ledger. \$99.00

Computerware, P. O. Box 668, Encinitas, CA

92024, (619) 436-3512

Accounts Receivable

Indicates overdue accounts, records key customer information, tracks invoices, and prints statements automatically. \$99.00

Computerware, P. O. Box 668, Encinitas, CA

92024, (619) 436-3512

B.E.S.T. Business Management

An easy-to-use, fully integrated business management and accounting system. Contains general ledger, accounts payable, inventory management, and services management. All purchasing, receiving, order processing, invoicing, and payment

Graphic Arts
Desktop Video
Word Processing
Desktop Publishing
Music
Education
Business & Home Productivity
Programming
Utilities
Entertainment
Miscellaneous Software
Drives
Memory Expansion
Accelerators
Video Hardware
Miscellaneous Hardware
Accessories & Services
Books & Tapes
CDTV
PDS Guide
AMICUS Index
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entry is provided through an easy-to-use Business Function process. Many standard reports are included in inventory management, services management, accounts receivable, and accounts payable. Custom reporting is available in the general ledger, inventory management, and accounts payable. Customer statements, purchase orders, invoices, and checks are prepared quickly and easily on professional-quality business forms. \$295.00

Software Technology, Inc., P.O. Box 22066 or 10616
S.E. McLough, Portland, OR 97222,
(503) 653-2090

B.E.S.T. General Ledger

This stand-alone general ledger contains all the features of the integrated B.E.S.T. Business Management General Ledger including a three-year history, transaction entry, and editing, audit trail reports, journal listings, custom financial reporting, and easy end-of-month closing. Completely compatible with the fully-integrated B.E.S.T. Business Management for future upgrade purposes. \$79.95

Software Technology, Inc., P.O. Box 22066 or 10616
S.E. McLough, Portland, OR 97222,
(503) 653-2090

Bottom Liner

Accounting program for home and small businesses. Check writing, spreadsheets, 700 user-defined accounts in budget, income, expenses, assets, liability, and equity. \$269.00
Clockwork Computers, 2904 Captiva Way,
Sarasota, FL 34231, (813) 923-0493

Budgeteer

A practical, low-cost budget preparation package designed for home and small business use. Features an easy-to-learn interface that uses the Amiga mouse, menu, and windowing environment to

record actual and budgeted monthly expenses and credits. Data can be presented in tables, pie charts, or one of 36 bar charts, all of which can be output to any of the printers supported in Preferences. Requires 512K RAM. Not copy-protected. \$39.95

Prakticon, Inc., 1729 B Lamoureux Drive, Orleans,
Ontario, Canada K1E 2N3, (613) 834-9349

Check Ledger

Single-entry bookkeeping system for small business or personal use. \$99.00

Computerware, P. O. Box 668, Encinitas, CA
92024, (619) 436-3512

◆ DAY-2-DAY Professional

Networkable order-entry/point-of-sale and customer database system with advanced accounts payable functions, inventory, perpetual sales tracking, and salesperson commission computations. Ideal for retail, wholesale, or manufacturing businesses. System speed and parameters limited by hardware only. Integrates with the Accountant, General Ledger, and payroll systems. AmigaDOS release 2 compatible. Requires hard drive and 1 MB chip RAM. \$695.00
KFS Software, Inc., P. O. Box 107, Largo, FL
34649, (813) 584-2355

Desktop Budget

A personal finance management program for every budgeting concern handled in an icon-based manner. Assists in setting up monthly payments, automatically performs month-end reconciliations, and year-end roll-overs. Program contains useful full-function calculator and personal icon editor. \$69.95
Gold Disk, Inc., 5155 Spectrum Way, Unit 5,
Mississauga, Ontario, Canada L4W 5A1,
(416) 602-4000

Easy Loans™

Incorporates all the Amiga's Interface features to help users manage their loan and credit records. Keeps track of loan with remaining interest, principal, and time. Also helps uncover and avoid paying hidden or incorrect charges. Features flexible customization of amortization, viewing and printing of summary schedules, on/off speech and user-definable color palette setting, detailed printouts, and more. \$79.95
Oxxi/Aegis, 1339 E. 28th Street, Long Beach, CA
90806, (213) 427-1227

General Inventory System

Keeps track of inventory levels and reorder list. Identify fast and slow movers, seasonal trends. Four cost levels, automatic sale flags, and multiple vendors. \$99.00
Computerware, P. O. Box 668, Encinitas, CA
92024, (619) 436-3512

General Ledger

Comprehensive double-entry system. Includes audit trails, closing procedures, and full reporting. \$99.00
Computerware, P. O. Box 668, Encinitas, CA
92024, (619) 436-3512

Home Front™

Integrated home-management package. Balance your checkbook and prepare taxes with the accounting manager. Analyze investments and loans with the forecasting manager. Keep track of recipes and print shopping lists. Create address lists complete with important dates. Keep a current database of items in the home with the inventory manager. \$129.00
Designing Minds, Inc., 3006 N. Main Street,
Logan, UT 84321, (801) 752-2501

Integrated Merchandiser

Point-of-sale and full accounting program with payroll. Automatic posting of sales to ledger. Operates a cash drawer. Up to 98,000 transactions per year. \$499.00
Clockwork Computers, 2904 Captiva Way,
Sarasota, FL 34231, (813) 923-0493

Keep-Trak General Ledger

Record-keeping system for home or business use. It has many other features. \$49.99
Other Guys, The, 297 E. 200 N., P.O. Box H,
Logan, UT 84321, (801) 753-7620

Nimbus 1.4

Nimbus is the easy new accounting system for small business managers who hate to do accounting! Posting, balancing, crediting, and debiting are at hand, with sales tax management, invoice aging, and multiple companies handled with Amiga's ease-of-use! Workbench 2.0 compatible. \$159.95
Oxxi/Aegis, 1339 E. 28th Street, Long Beach, CA
90806, (213) 427-1227

Payroll

Accommodates all pay types and pay periods. Includes federal and state tax reporting, quarterly, tax statements, W-2's, paychecks, and cost accounting. \$99.00
Computerware, P. O. Box 668, Encinitas, CA
92024, (619) 436-3512

Point-of-Sale Inventory

Includes an integrated sales order entry and invoicing feature for customer sales, tax-reporting, and profitability analysis. Post customer invoices to the accounts receivable module automatically. \$295.00
Computerware, P. O. Box 668, Encinitas, CA
92024, (619) 436-3512

Tax Plan

Calculate your federal income taxes for the year and forecast for the year coming. Fast and affordable, covers all forms that most taxpayers

The Memory Location

Amiga specialists! Full service Commodore dealer.
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Video Super Crisper

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Store hours: Mon.-Thur. 10-6, Fri. 10-8, Sat. 9-5

Commodore authorized repair on-premise. Low flat labor rate, plus parts.

Circle 186 on Reader Service card.

◆ = New Product Listing

use. Prints IRS acceptable forms, handles multiple returns, audits, and identifies errors. User Guide and Tax Reference Manual included. \$34.95
Quality Business Systems, P.O. Box 805, Hudson, MA 01749, (800) 225-5800

Tax-Break Canadian Edition

Canadian tax preparation and planning software for all provinces of Canada. Formerly known as Amiga-Tax. United States 1040 version also available. Canadian updates, \$29.95 See OXXI, Inc. \$69.95
Datamax Research Corp., Box 5000, Bradford, Ontario, Canada L3T 2A6, (416) 250-7424

The Accountant 2.0

Complete, integrated, accounting system with payroll, inventory, A/R, A/P, and general ledger including a general journal and 10 check registers. Four different point-of-sale options include an invoice writer, cash register system, and recurrent billings. Over 50 reports available. AmigaDOS release 2 compatible. \$299.50
KFS Software, Inc., P.O. Box 107, Largo, FL 34649, (813) 584-2355

The Billing and Disbursements System

Accounting for small businesses. Contact SaxMan Systems for price and description.
SaxMan Systems, 400 Walnut #403, Redwood City, CA 94063, (415) 368-6499

The Booking Agent

Integrated Schedule/Accounting package maintains schedule for 240 acts. Agents can search by date for open bookings and print reports including schedules, income, unsigned contracts, unpaid deposits, and confirmation cards. The Booking Agent can search all acts and all fields for common string, and master posting program will print contracts at the time of posting, as well as generate daily posting sheet. Also, package allows for other computers in agency to be networked. \$500.00 to \$1,000.00
Bigfoot Software, 912 Karl Street, Green Bay, WI 54301-2225, (414) 435-4500

The SaxMan Accounting System

A complete accounting system for single or multi-divisional companies.
SaxMan Systems, 400 Walnut #403, Redwood City, CA 94063, (415) 368-6499

▼ DATABASES ▼

ARexxDB

A database records manager with complete access and control via a standard ARexx port. Multiple applications in various programming languages (including ARexx) simultaneously control their access to the ARexx DB records manager using approximately 60 ARexx functions/commands (e.g. CREATEFILE, LOCKREC, READREC, WRITEREC, WRITEKEY, GETEXTID, etc.). Nearly all ARexx DB functions can give pre and post processing through ARexx scripts. No limit to the number of files opened at one time, nor the file size, nor number of indexes. Any number of programs can have simultaneous access to the same file(s). Variable length records to 65k. Dynamically allocated RAM data cache buffer (total RAM is only size limit). Quantity prices available to developers. \$125.00
JMH Software, 7200 Hemlock Lane, Maple Grove, MN 55369, (612) 424-5464

◆ Computer Club Sign-In/Point of Sale Template

Template for Superbase Pro. For computer club member sign-in and treasurer's point-of-sale entry with receipt printout. \$39.95
John 1:1 Graphics, P.O. Box 316, Bellflower, CA 90706

◆ Contact

Personal contacts manager for Commodore Amiga. Dials phone via modem, prints labels—including to PostScript; can send name/address to active document window. Non-printing comments can be included. Batch print option—for printing a chosen subset of mailing labels. Can also print label for single or all records. User can tag any text in an individual record as the sort key for that record. Supports Amiga clipboard. Demonstration disk available. Compact, memory-resident, activated by hotkey. ARexx port and example scripts provided. \$59.00
Desktop Utilities, P.O. Box 3053, Manuka, Australia ACT 2603, 011-616-239-6658

DataRetrieve

Now think DataRetrieve Amiga. It works the same way as your Amiga—graphic and intuitive, with no obscure commands. You quickly set up your data files using convenient on-screen templates called masks. Select commands from the pull-down menus or time-saving shortcut keys. Customize the masks with different text fonts, styles, colors, sizes, and graphics. If you have any questions, Help screens are available at the touch of a button. 1-55755-028-X \$79.95
Abacus Software, 5370 52nd Street S.E., Grand Rapids, MI 49512, (616) 698-0330

Designer Databases-Business I

Ready-to-use database, simply load using Microfiche Filer or Microfiche Filer Plus and begin entering your data. Professionally designed, commercial quality databases come with complete data definitions and forms for editing and printing. Record inventory, billing, important dates, expenses, employee records, and mail merge. \$59.00
Software Visions, Inc., 12625 La Tortola, San Diego, CA 92129-3069, (619) 538-6263

Designer Databases-Home I

Ready-to-use database. Simply load using Microfiche Filer or Microfiche Filer Plus and begin entering your data. Professionally designed, commercial-quality databases come with complete data definitions and forms for editing and printing. Record videotapes, CD's, records, stamps, coins, wines, and Fred Fish Disks (1000 public domain programs catalogued). \$39.00
Software Visions, Inc., 12625 La Tortola, San Diego, CA 92129-3069, (619) 538-6263

Home Management System

A management system that includes programs such as video media, music media, phone, addresses, and more storage database. \$49.95
TTR Development, Inc., West Towne Office Center, 6701 Seybold Rd. Ste. 220, Madison, WI 53719, (608) 277-8071

◆ LabelDex!

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Put some punch into your programming without getting knocked out! COMAL gives you power plus fun, including LOGO turtle graphics. It is a friendly helpful language, yet it allows you full access to the Amiga if you need it (just like C). \$99.95
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Amiga Logo

Amiga Logo takes advantage of the Amiga's speed, sound, and graphics capabilities. Included in the manual and on the disk are several examples of the power of Amiga Logo. Features include up to 32 colors and 4 selectable screen resolutions, interactive, discovery-oriented environment using mouse driven pull-down menus, programmable and freehand graphics from either simple commands or by using the mouse, and advanced list and symbol processing. \$99.95
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

AssemPro

Bridge the gap between slow higher-level languages and ultra-fast machine language programming: AssemPro Amiga unlocks the full power of the Amiga's 68000 processor. It's a complete developer's kit for rapidly developing machine language/assembler programs on your Amiga. ISBN 1-55755-030-1 \$99.95
Abacus Software, 5370 52nd Street S.E., Grand Rapids, MI 49512, (616) 698-0330

Autogram C

Automatically writes C language programs. Suitable for home or professional use. Two disks. \$149.95
Lee Software, P. O. Box 742644, Dallas, TX 75374, (214) 530-2864

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For 680X0 embedded-system software development. Supports entire 68000 family including 68030 and 68882. Motorola compatible. Includes macro assembler, linker, symbol report generator, object librarian, disassembler, and hex file utilities for burning eeproms. Source code is available. \$860.00
Avocet Systems, Inc., 120 Union Street, P.O. Box 490, Rockport, ME 04856, (800) 448-8500

Aztec C68K/Am 3.6

Translates programs written in C into executable machine code. Features Manx Aztec source level debugger, UNIX utilities, math support libraries for 68881, Manx IEEE emulation, and more. \$199.00
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Aztec C68k/Am-d Developer System

Includes Aztec Shell, Compiler, 68000 Macro Assembler, Overlay Linker, Librarian, Run Time Libraries, Profiler, Portable C library Interface, and the UniTools utilities: z (vi editor), make, diff, and grep. \$299.00
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Includes Aztec Shell, Compiler, Macro Assembler, Overlay Linker, Librarian, Run Time Libraries, Profiler, and Portable C Library Interface. \$199.00
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◆ BLITZ BASIC

High speed basic compiler which produces quality stand-alone commercial code. Ideal for games, graphics, sound control. Enables even the novice to get in and control the custom Amiga graphics and sound chips. Lightning fast compiler compiles 16,500 lines of code a minute. Integrated editor/compiler handles IFF and anim brushes, and sound. Direct control of sprites, blitter and audio chips. Supports dual playfields, HAM and EHB. Queue system for ease of Blits control. Unlimited screens, memory dependent. Smooth scrolling. Double buffering, page flipping with ease. Includes sound sequencer. Machine language sub-routines can be added. Rewrite of Amiga graphics library for maximum speed of execution. \$149.00
M.A.S.T. Memory and Storage Technology, Inc., 1395 Greg Street, Sparks, NV 89431, (702) 359-0444

Benchmark Modula-2

Integrated compiler, linker, and EMACS editor. Compiles at 10,000 lines per minute with burst speeds of up to 30,000 lines/minute. Libraries support AmigaDOS, Intuition, Excel, and Modula-2. 700 pages of documentation. Many demonstration programs. \$199.95
Avant-Garde Software, 2213 Woodburn, Plano, TX 75075, (214) 964-0260

C.A.P.E. 68K 2.52

The Complete Assembler Programming Environment, C.A.P.E. is a Metcomco compatible 68000/68010 assembler with integrated editor, pre-compiled included, and extensive ARexx support. C.A.P.E. also features outstanding optimizations and a large number of powerful directives. The V2.5 release includes a new smaller, faster linker, a profiler, and a vast improvement in assembly speed. \$89.95
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CCsh is a UNIX Bourne Shell Compiler. Translated shell executable equivalents are faster, more secure, and can be assigned 5-bits and 1-bit. We claim 100% Bourne shell compatibility. Useful for system administrators, consultants who don't want to release shell source to clients, as well as projects prototyped in shell code that now demand executable benefits. Requires a C compiler. \$250.00 under AMIX. \$250.00
Comeau Computing, 91-34 120th St., Richmond Hill, NY 11418, (718) 945-0009

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MC68000 disassembler generates Assembly language source code listings for almost any Amiga program. Assembly listings produced by DSM are fully compatible with Assem. \$67.50
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F-Basic is an enhanced, compiled BASIC language system. It supports extensive control structures; recursive sub programs; global variables; extended integer variables; fast 9 digit single precision real numbers; double precision real numbers; and text variables. It also supports record structures and pointers, high-level access to Amiga graphics, sound, menus, the ROM Kernel, and more. Version 2.0 added animation, IFF picture file reader/writer, icons, random access files, and Linker. Version 3.0 now adds an integrated editor environment, direct 68020/68881 support, IFF sound file player, even FASTER code, user-defined operations on record structures, a built-in matrix package, and complex numbers. Shipped with 200-page manual and sample programs disk. Sold with the F-Basic System Source Level Debugger (SLDB) for \$159.95. \$99.95

Delphi Noetic Systems, Inc., P. O. Box 7722, Rapid City, SD 57709, (605) 348-0791

FASM65

6502 cross assembler. \$39.95
RockLogic, P. O. Box 22, Slippery Rock, PA 16057

FASM85

8085 cross assembler. \$39.95
RockLogic, P. O. Box 22, Slippery Rock, PA 16057

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All the features of AC/FORTRAN. Generates code for 68020 CPU and 68881 FPU (in-line). Runs on standard Amiga, and works with most 68020/68881 upgrades. \$495.00
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◆ GFA-BASIC 8088-286 for MSDOS

You now have the ability to extend the use of your Amiga programs onto IBM-compatible computers running MS-DOS. The power of GFA-BASIC has been implemented with many extended commands which facilitate the development of a graphical user-interface including menu bars, windows, alert boxes and pop-up menus. GFA is dedicated to Amiga users wanting to leverage their software investment. \$295.00

GFA Software Technologies, Inc., 27 Congress Street, Salem, MA 01970, (508) 744-0102

◆ GFA-BASIC Version 3.5 for the Amiga

An extensive programming language with a comfortable development environment at your disposal. The Editor supports structured programming by automatically indenting commands within loops and conditions. The value of a variable as well as the variable itself can be passed between subroutines. A powerful GUI allows Amiga screens and windows to be opened and managed through extremely simple commands. Interpreter: \$94.95; Compiler: \$54.95.

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✓ JForth Professional 2.0

Interactive programming language. 32-bit Forth generates fast 68000 machine code. Complete interface to Amiga libraries. Includes two assemblers, disassembler, object-oriented dialect, hashed dictionary, precompiled include files, source level debugger, IFF/ILBM tools, and numerous examples. Generates small stand-alone applications. \$179.95

Delta Research, P. O. Box 1051, San Rafael, CA 94915, (415) 461-1442

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Amiga Modula-2 works with versions 1.2, 1.3, and 2.0 of the Amiga Operating System and runs on the Amiga 500, 1000, 2000, and 3000 with at least 1MB of RAM and a disk drive. The system can be used either from the CLI (Command Line Interface) or from within the workbench environment. This is available only in the Modula-2 language. \$249.00

Interface Technologies Corporation, 7887 Katy Fwy, Ste. 444, Houston, TX 77024, (713) 523-8422

M2Sprint

A Modula-2 Development system for the Amiga. Each component fully integrated with the Amiga Operating System. The Editor can load and keep resident the Compiler, Linker and Source Level Debugger allowing extremely fast, efficient programming environment. Runs from the Editor, CLI, Workbench, or ARexx. A demo disk is also available. \$385.00

Language Systems, a division of Preferred Technologies, Inc., 1450 E. Beltwood Pkwy., Dallas, TX 75244, (214) 702-9191

MCC PASCAL

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Macro assembler supports full Motorola instruction set. Includes Linker, libraries, and manual. Many directives, external references, conditional assembly, fully formatted listings, and long variable names and 32-bit expressions, cross-reference listings, and more. \$99.95

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Interactive programming environment features local multitasking, AmigaDOS and Intuition support, assembler, turnkey compiler (royalty free), complete set of include files, link to C, and other libraries. Very fast code, extensive documentation. Optional power windows-system al-

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Creative Solutions, Inc., 4701 Randolph Rd, Ste. 12, Rockville, MD 20852, (301) 984-0262 Info

Modula II

Amiga modula II compiler. Object oriented language extensions. Using a multi-pass method, which makes the final executable code faster than applications written with C in many cases! Workbench 2.0 compatible. Available Spring 1991. Price TBA.

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Macro-assembler for the Z80 family generates relocatable object code modules linkable to any execution address. \$85.00

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ReSource V4.0

ReSource is an intelligent interactive disassembler for Amiga programmers. This is the most powerful disassembler available for personal computers. It is written entirely in Assembly language for blinding speed. Over 700 functions allow you incredible power and flexibility. Full support for base relative addressing and user-defined symbol bases. If you're serious about disassembling code, look no further. Requires 1MB of memory. \$95.00

Puzzle Factory, The, P.O. Box 986, Veneta, OR 97487, (503) 935-3709

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ReSource' 030

ReSource' 030 makes full use of the Amiga windowing environment. There are over 700 menu functions which allow you to create real assembler source code. Most of the Amiga structure names are available at the touch of a key. Base-relative addressing is supported for disassembling C programs. In addition, user-defined structures are supported. All Amiga hunk types are supported for code scan. Display is incredibly fast. ReSource' 030 uses the new Motorola M68000 family assembler language syntax, and is fully compatible with the new Amiga assembler, Macro68 from Digi-Soft. This is the most powerful disassembler available for 'any' personal computer. If you are serious about disassembling code, look no further! Requires 1MB of memory, and a 68020/030 cpu. \$150.00

Puzzle Factory, The, P.O. Box 986, Veneta, OR 97487, (503) 935-3709

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✓ SAS/C™ Development System

SAS/C Compiler for AmigaDOS (formerly Lattice Amiga C Compiler). Complete programming environment with SAS/C Compiler, global optimizer, blink overlay linker, LSE screen editor, source-level debugger, comprehensive documentation, and more. Release 5.10 is Version 2 compatible. \$300.00

SAS Institute Inc., SAS Circle Box 8000, Cary, NC 27512-8000, (919) 677-8000

Source Builder

Source Builder is a CASE (Computer Aided Software Engineering) tool for the Amiga computer. This tool allows the programmer who has to design, code, integrate, and manage large amount of software to automate the development of source code. The tool supports source code generation in two distinct ways—Advanced Macro Processing and Logical Object Processing. It manipulates ASCII files. The user can write source code with practically all languages. \$99.95

Software Integration Solutions, 11027 Twin Pond Terrace, San Diego, CA 92128, (619) 748-3360

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Structured, easy to use language, features: compiler, editor, and debugging tools. Floating point math, support for large dynamic arrays, and built-

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Macro Disassembler

ReSource is an intelligent interactive disassembler for the Amiga programmer. Full use is made of the Amiga windowing environment and over 700 functions to make disassembling code easier than its ever been. **ReSource** will enable you to explore the Amiga. Find out how your favorite program works. Fix bugs in executables. Examine your own compiled code.

ReSource will load/save any file, read disk tracks, or disassemble directly from memory. Virtually all Amiga symbol bases are available at the touch of a key. In addition, you may create your own symbol bases. Base-relative addressing is supported for disassembling C programs. All Amiga hunk types are supported for code scan. Display is incredibly fast.

ReSource now has a big brother. Like the original program, **ReSource'030** will tear apart your code like no other program. And it will do so even faster now, because **ReSource'030** is written in native MC68030 code. **ReSource'030** also understands 68030 instructions.

ReSource'030 supports the new M68000 Family assembly language syntax specified by Motorola to support the new addressing modes used on the 68020/030 processors. **ReSource'030** and **Macro68** are among the few Amiga programs now available that provide this support.

Due to popular demand, we now offer **ReSource'068**. Functionally identical to **ReSource'030**, this program will run on a 68000 cpu. **ReSource'068** is included when you purchase **ReSource'030**.

"If you're serious about disassembling code, look no further!"

ReSource outputs old-syntax source, and will run on any 68K family cpu. **ReSource'030** outputs new-syntax source, and requires a 68020/030 cpu. **ReSource'068** outputs new-syntax source, and will run on any 68K family cpu. Both versions of **ReSource** require at least 1 meg of ram.

Suggested retail prices: Original **ReSource**, US\$95; **ReSource'030**, US\$150

Macro Assembler

Macro68 is a powerful new assembler for the entire line of Amiga personal computers.

Macro68 supports the entire Motorola M68000 Family including the MC68030 and MC68040 CPUs, MC68882 FPU and MC68851 MMU. The Amiga Copper is supported also.

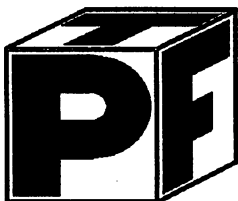
This fast, multi-pass assembler supports the new Motorola M68000 Family assembly language syntax, and comes with a utility to convert old-style syntax source code painlessly. The new syntax was developed by Motorola specifically to support the addressing capabilities of the new generation of CPUs. Old-style syntax is also supported, at slightly reduced assembly speeds.

Most features of **Macro68** are limited only by available memory. It also boasts macro power unparalleled in products of this class. There are many new and innovative assembler directives. For instance, a special structure offset directive assures maximum compatibility with the Amiga's interface conventions. Listing control including cross-referencing is included. A user-accessible file provides the ability to customize directives and run-time messages from the assembler.

Macro68 is fully re-entrant, and may be made resident. An AREXX(tm) interface provides "real-time" communication with the editor of your choice. A number of directives enable **Macro68** to communicate with AmigaDos(tm). External programs may be invoked on either pass, and the results interpreted. Possibly the most unique feature of **Macro68** is the use of a shared-library, which allows resident preassembled include files for incredibly fast assemblies.

Macro68 is compatible with the directives used by most popular assemblers. Output file formats include executable object, linkable object, binary image, and Motorola S records. **Macro68** requires at least 1 meg of memory.

Suggested retail price: US\$150



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in syntax for matrix Algebra. Plot entire arrays with a single statement; apply built-in transforms; use the 3-D Graphics Library to put depth into the graphics. \$99.95

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Crystal Rose Software, 109 South Los Robles, Pasadena, CA 91101, (818) 795-6664

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MegageM, 1903 Adria, Santa Maria, CA 93454, (805) 349-1104

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FracPak2

Second collection of popular fractal programs from a variety of public domain sources. \$10.00

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This is a base level version of the ultimate human interface/multimedia tool. A video camera passes your real-time, live image into Virtual Realities created with this graphic video/music package. Viewing yourself on TV, manipulate graphics and sound effects/music with your 'live video image.' Comes with scenes disk and mouse command/menu authoring interface to create your own. Additional prefabricated VR's available from VE's library. Supports IFF pics, brushes, sounds; AREXX, MIDI, etc. Mandala Junior can be upgraded to Mandala Pro. Compatible with all Amiga levels; requires A2 Live Digitizer. \$179.00

Vivid, Inc., 317 Adelaide St., West Suite 302, Toronto, Ontario, Canada M5V 1P9,

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◆ The Mandala Virtual Reality Authoring Software/Mandala Pro

The ultimate human interface/multimedia tool. A video camera passes your real-time, live image into virtual realities created with this complete animation/video/music package. Viewing yourself on TV, manipulate animation and sound effects with your 'live video image.' Supports video laserdisc for high-end worlds. Comes with example scenes and mouse command authoring interface to create your own. Additional prefabricated VR's available from Vivid's library. Supports IFF pics, brushes, sounds; anims, sprites, AREXX, MIDI, multi-state animation, universal variables, live video game construction, etc. Compatible with all Amigas. Requires A2 'Live' Digitizer. \$495.00

Vivid, Inc., 317 Adelaide St., West Suite 302, Toronto, Ontario, Canada M5V 1P9,

(416) 340-9290

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Collection of math and graphic demos by Daniel Wolf including PolyFrac line fractals, several cellular automata programs, Hilbert curve, Dragon curve, and more. \$10.00

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◆ X Window System for the Amiga

XWindow System Release 4 for the native AmigaDOS. Resolutions to 2048 x 2048 color supported. TWM & OLWM (open look) user

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Local Development System. Complete system for compiling, running and displaying XWindow applications locally under AmigaDOS using Lattice 5.10a. Networks: SANA Local, supports displays to 2K x 2K color. User interfaces: Twin, Open Lock. \$475.00

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Develop X11 applications under AmigaDOS. Source code compatible with X11 release 4 or UNIX bases machines. Works with Gfx Base's window system for the Amiga. Contents: X11 R4 include files, xlib athena widgets, xtoolkit, xmu, BSD socket library networks: ethernet DECnet (TSSnet) top/ip, SANA, arcnet and slip. Requires Lattice 5.10, 3 megs RAM.

Gfx Base, 1881 Ellwell Drive, Milpitas, CA 95035, (408) 262-1469

▼ MUSIC ▼

HMSL

Hierarchical Music Specification Language. An object-oriented Forth-based language for experimental real-time music composition. Complete MIDI toolbox supports mapping input to user functions, system-exclusive messages, recording, MIDI files, etc. Includes hierarchical event scheduler, custom user-interface builder, Amiga sound tools, graphical data editor, tools for algorithmic composition, and more. Source code included. Requires JForth. \$249.95

Frog Peak Music, P.O. Box 151051, San Rafael, CA 94915-1051, (415) 461-1442

◆ MIDI-to-AdLib file converter

The file converter opens the market for low cost FM-synthesis sound boards to a wide range of high quality MIDI music. Over 85% of MIDI files can be converted to low cost boards. Files 15 to 20 minutes long are easily converted. The output file is a .ROL file fully compatible with AdLib's Composer song editor. It can be used wherever >ROL files are used. \$25.00

Patch Panel Software, 11590 Seminole Boulevard, Largo, FL 34648, (813) 397-3530

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TTR Development, Inc., West Towne Office Center, 6701 Seybold Rd. Ste. 220, Madison, WI 53719, (608) 277-8071

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Local Development System. Complete system for compiling, running and displaying XWindow applications locally under AmigaDOS using Lattice 5.10a. Networks: SANA Local, supports displays to 2K x 2K color. User interfaces: Twin, Open Lock. \$475.00

Gfx Base, 1881 Ellwell Drive, Milpitas, CA 95035, (408) 262-1469

X11 Programmer's System for the Amiga

Develop X11 applications under AmigaDOS. Source code compatible with X11 release, 4 or UNIX bases machines. Works with Gfx Base's window system for the Amiga. Contents: X11 R4 include files, xlib athena widgets, xtoolkit, xmu, BSD socket library networks: ethernet DECnet (TSSnet) top/ip, SANA, arcnet and slip. Requires Lattice 5.10, 3 megs RAM.

Gfx Base, 1881 Ellwell Drive, Milpitas, CA 95035, (408) 262-1469

◆ XView 2.0

Write, compile and execute XView compatible programs under the Xwindow system for Amiga DOS. Conforms to XView or Unix based workstations. \$250.00

Gfx Base, 1881 Ellwell Drive, Milpitas, CA 95035, (408) 262-1469

◆ XView Programmer's Toolkit for Amiga

XView programmer's toolkit allows native development of XView-XWindows programs using the Lattice C compiler. XView is an X toolkit based on Sunview programming model allowing for easy parts of existing Sunview programs to XWindows environment. Produced by S & B Software. \$250.00

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ACDA Corporation, 220 Belle Meade Ave., Setauket, NY 11733, (516) 689-7722

AmigaDOS V1.3 Native Developer Update

Native Developer Update (November, 1988). A four disk set for the native Amiga developer. The following files are contained on the disk; Include 1.3; Commented C and Assembler Include files; Include.strip 1.3; stripped Include files, 1.3 startups, Alink, Amiga.lib, debug.lib, debug.lib, atom, LVO offset lists and more; Autodocs 1.3; 1.3 autodocs summarize library, resource, and device calls; Readme 1.3; Readme files and sample 1.3 printer driver sources. \$20.00

Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

Audiotools for the Amiga

Based on an article published in July/Aug 87 *AmigaWorld*, disk contains source and object in both C and Modula-2 that simplifies direct access to the audio device. Updated since publication of the original article, and includes the original unedited article text (with updates included). No licence required for use. \$8.00

DATAPATH, P.O. Box 1828, Los Gatos, CA 95031

GS-1000 Graphics Library

Library of over 90 graphics-oriented commands. Includes device-independent 2-D graphics, multiple viewports and screens, zoom panning, color mixing, and many other commands and a full-featured paint program. Source code, \$149.95. \$49.95

Rittinghouse Software Development Company, RR 2, Box 62, Parker, SD 57053, (605) 342-6229

Key to C version 2.02

Library of C functions for the Amiga including source and object code for all functions for easy insertion into programs. Includes all documentation on disk. A 64-page reference manual. Also includes three utility programs. \$34.95
Data Research Processing, Inc., 5121 Audrey Dr., Huntington Beach, CA 91649, (714) 840-7186

Laserdisk Controller Software Library

This package is a linkable C library of routines intended to help application developers easily and immediately integrate the Pioneer LD-V2200 laserdisk player into their own applications. The library is Manx and Lattice compatible and addresses all features and modes of operation of the LD-V2200. The package includes test software and complete documentation and 'may be used right out of the box'. \$99.95

ACDA Corporation, 220 Belle Meade Ave., Setauket, NY 11733, (516) 689-7722

The ToolCaddy

An extensive on-line tutorial on how to program the Amiga in Assembly language. Features seven step-by-step lessons, 18 source files, 21 executable utilities, suggested disk set-up. Assembly-linking techniques, and much more. \$29.95

ToolCaddy Works, The, P.O. Box 5873, Laughlin, NV 89029-5873, (702) 298-4252

The ToolCaddy Works Docs-Functions

On-line programming help for all of the system Function Calls. Features sample Assembly Source code for each function that may be used for cut and paste into your own source file. \$19.95

ToolCaddy Works, The, P.O. Box 5873, Laughlin, NV 89029-5873, (702) 298-4252

The ToolCaddy Works Docs-Mnemonics

On-line programming help for all of the Motorola MC68XXX Instruction sets (Mnemonics). This includes the MC68000, MC68010, MC68020, and MC68881. Features a general information section covering the AmigaDOS commands, hardware registers, and much more. \$19.95

ToolCaddy Works, The, P.O. Box 5873, Laughlin, NV 89029-5873, (702) 298-4252

The ToolCaddy Works Docs-Structures

On-line programming help for all of the system structures. Features sample Assembly source code for each structure that may be used for cut-and-paste into your own source file. A separate disk contains the official Amiga Include V1.3 files, both the I and H files are provided. \$19.95

ToolCaddy Works, The, P.O. Box 5873, Laughlin, NV 89029-5873, (702) 298-4252

True BASIC 3D Graphics

Create 3-D graphics with True BASIC 3-D graphics and the True BASIC language system. Supports perspective and parallel views, arbitrary oblique projections, cabinet, cavalier projections, circles, rectangles, grids, polygons, text plotting, and contour plots. Also provides basic animation tools. \$69.95

True BASIC, Inc., 12 Commerce Ave., West Lebanon, NH 03784, (800) TR-BASIC

dBC III Library for Amiga 2.0

An alternative to programming in the dBASE interpretive language. Create, access, and update dBASE III-compatible files without using dBASE. Open and process up to 10 data, index, or memo files. Source code available for \$25.00. \$25.00

Lattice, Incorporated, 2500 S. Highland Avenue, Lombard, IL 60148, (800) 444-4309

▼ UTILITIES ▼

Amiga Communications Library 1.0

The library supports AmigaDOS environments with a full set of functions for XMODEM, YMODEM, KERMIT, and ASCII protocols. Communications Library gives programmers the ability to select, open, and close a communications port; set baud rate, data bits, parity, stop bits, and buffer size; and send and receive characters from the communications port. Other functions dial and hang up the telephone; reset the modem; set automatic answering; send and receive files using ASCII, XMODEM, YMODEM, or KERMIT error-checking protocols; and display the progress of file transfers. Source code available for \$50.00. \$50.00

Lattice, Incorporated, 2500 S. Highland Avenue, Lombard, IL 60148, (800) 444-4309

Amiga Compiler Companion 1.0

Ten utilities designed to enhance the productivity of Amiga programmers. Extract file names from directories; build command files; generate cross referencing of C source files; locate files by attributes; and more. Can be used with any programming language. \$20.00

Lattice, Incorporated, 2500 S. Highland Avenue, Lombard, IL 60148, (800) 444-4309

AmigaMOP Test Management Package Version 2

The AmigaMOP V2 is a data management and user interface for electronic test systems. Linkable and run-time libraries are included for writing the test programs and data handlers. Other features included in this version are safe memory support, dual multitasking/multiplexing test programs, and a help feature. \$349.00
Go Software, RR#1 Box 442 Spicer Road, Thompson, CT 06277, (203) 923-2348

C Language Library

Add-on library product for Benchmark Modula-2. All standard C language library functions are implemented for use in Modula-2. \$99.95
Avant-Garde Software, 2213 Woodburn, Plano, TX 75075, (214) 964-0260

C Toolkit

Collection of over 200 powerful C functions that compile and link with C programs. Perform tasks ranging from memory management to floating point manipulation. Includes 274-page manual containing a separate UNIX-style description and source code for every C toolkit function. \$39.95
Software Ingenuity, 11325 94th St. N., P. O. Box 10084, Largo, FL 34643, (813) 393-8240

CBTREE 3.0

Portable B+tree multi-key ISAM file manager with C source code. Features include record locking, fixed or variable length records, and index caching. CBTREE's simple ISAM interface is fast, powerful and flexible. CBTREE handles the technical details of how to quickly store and access your data records. Ideal for business applications. Supports Lattice and Manx compilers. \$139.00

Peacock Systems, Inc., 2108-C Gallows Road, Vienna, VA 22180, (703) 356-7029

ConMan

Replacement console handler that provides line editing and command history. Shareware, V.1.1. \$10.00 suggested contribution
William S. Hawes, P. O. Box 308, Maynard, MA 01754

Developer's Toolkit

Collection of machine-specific routines that facilitate access to ROM and other special Amiga features. Also includes access to Intuition. \$69.95
True BASIC, Inc., 12 Commerce Ave., West Lebanon, NH 03784, (800) TR-BASIC

F-Basic System Source Level

Debugger (SLDB) 3.0

The SLDB functions in a fully-windowed Intuition interface, and allows the user of an F-Basic 3.0 program to debug at the Source level. A knowledge of assembly language is not necessary to use the SLDB. The SLDB allows the user to set breakpoints on source lines of the program halting execution, trace one source line at a time, go until breakpoint, etc. Allows the same functions at the assembly level. Valuable debugging tool for beginner or advanced programmer. Some of the features include viewing and altering the 68000 registers, memory, variables, arrays, and records by name. A full-featured reverse assembler is also included. Version 3.0 adds find commands, keyboard control, and integration into the 3.0 editor/compiler/linker/debugger environment of F-Basic. Includes user's manual and requires F-Basic 3.0. Contains powerful features like pointers, recursion, and pattern-matching to satisfy advanced programmers, yet is easy for beginners to learn. \$60.00
Delphi Noetic Systems, Inc., P. O. Box 7722, Rapid City, SD 57709, (605) 348-0791

Flexe Lint for the Amiga

Finds errors, bugs, and inconsistencies that your compiler working on one module at a time will miss. Supports K&R C language and ANSI C. Finds inconsistent declarations, argument/parameter mismatches, uninitialized unaccessed

Graphic Arts
Desktop Video
Word Processing
Desktop Publishing
Music
Education
Business & Home Productivity
Programming
Utilities
Entertainment
Miscellaneous Software
Drives
Memory Expansion
Accelerators
Video Hardware
Miscellaneous Hardware
Accessories & Services
Books & Tapes
CDTV
PDS Guide
AMICUS Index
Fred Fish Index
Vendor/Product Registration
AC Back Issue Index
User's Groups
Vendor Information
Product Index by Product
Product Index by Vendor
Category Index
Last Minute Additions

variables, unreferenced variables, suspicious macros, indentation, and more. Includes compiler options files for the Lattice and Aztec compilers. Version 4.0 features incremental linting and checking of compile time objects. \$98.00
Gimpel Software, 3207 Hogarth Lane, Collegeville, PA 19426, (215) 584-4261

GOMF 3.0

Allows recovery from Task Held and Guru Alerts. Preserves trap and exception vector tables, and allows removal of task or process at any time. Configures to 68000, 68010, 68020. Easily added to your startup sequence for automatic error trapping. Available in software version only at this time. \$39.00

Pro-Tronic Systems Ltd., 720 -6th Street, #227, New Westminster, B.C., Canada V3L 3C5, (604) 290-1631

please see display ad page 138

◆ HP LaserJet Print Program

The program prints ordinary text files on the HP Laser Jet III. It leaves a 5/8-inch margin on the left, prints 80 characters on the line. It places page breaks at convenient locations in the text based on black lines.

Software Design & Engineering, 2572 Ohlone Dr., San Jose, CA 95132, (415) 966-4024

IFF and Image Resource Library

Add-on library product for Benchmark Modula-2. Functions for reading and writing IFF files. Tool for attaching IFF images to an executable file. Images can be accessed at run time as resources from the Modula-2 program. \$99.95

Avant-Garde Software, 2213 Woodburn, Plano, TX 75075, (214) 964-0260

InovaTools 1

InovaTools 1 was designed to increase programmers' interface construct options beyond those of Intuition. Included are function definitions—in linkable C or system library format—for the following: Drag Gadgets, Knob Gadgets (Analog-type circular knobs), Pop-Up menus, and over 40 other useful routines. Written by Todor Fay. \$79.95

INOVATronics, Inc., 8499 Greenville Ave., Ste. 209B, Dallas, TX 75231, (214) 340-4991

LDebug 2.1

A debugger supporting Benchmark Modula-2, C.A.P.E. 68k assembler, and the Lattice AmigaDOS C compiler. Trace by source line, or by MC68000 instruction. Set breakpoints in multiple source modules or by clicking on a line of source code. Disassemble a source line by double clicking on it. \$49.50

LogiComp Software, 4010 Woods Blvd., Lincoln, NE 68502, (402) 423-6768

Lattice Screen Editor 1.1

Customize any keystroke, prompt, menu, and help message. Multi-window environment, keyboard macros. Three assembly language input modes, wrap-around word mode, C error tracking mode, and two levels of on-line help. \$15.00
Lattice, Incorporated, 2500 S. Highland Avenue, Lombard, IL 60148, (800) 444-4309

Library Source

Includes the original Assembly and C source to all routines in the Aztec RunTime Libraries. \$300.00

Manx Software Systems, P. O. Box 55, Shrewsbury, NJ 07702, (800) 221-0440

MetaScope: The Debugger

An application program debugger that provides a multi-window environment for you to observe and control the execution of your application program. It gives you sophisticated breakpoint and trace capabilities, full symbolic support, a direct to memory assembler, and much more. \$95.00

Metadigm, Inc., 19762 MacArthur Blvd. Ste. 300, Irvine, CA 92715, (714) 955-2555

Metacomco Shell

Command line interpreter with many features including command line history, command line editor, aliases, variables, and push and pop directories. \$69.95

Metacomco, 26 Portland Square, Bristol, BS2 8RZ, United Kingdom, 011-4427-242-8781

Metacomco Toolkit

Many program development utilities including pipes, make, AUX CLI, librarian, disassembler, enlarge, browse, and pack/unpack. \$49.95
Metacomco, 26 Portland Square, Bristol, BS2 8RZ, United Kingdom, 11-4427-242-8781

Personal Confidence

Configuration control package and programming aid that provides the user with tools for revision control and security of source codes, documents, sounds, graphics, and more—with personal confidence. Single user with security. \$149.95

Backwoods Software, P.O. Box 305, Wallowa, OR 97885, (503) 886-9075

Power Windows 2.5

A development tool that allows a programmer to interactively design a user interface—with menus, gadgets, custom screens, and multiple windows—using simple menu commands and mouse movements. Install the PW generated code in your original program and—*ZAP*—instant interface! PW generates code in popular versions of C, FORTH Modula-2, BASIC, as well as MC68000 Assembler. \$89.95

INOVATronics, Inc., 8499 Greenville Ave., Ste. 209B, Dallas, TX 75231, (214) 340-4991

Power Windows for Benchmark Modula-2, V2.5

Add-on product for Benchmark Modula-2. Create screens, windows, menus, gadgets, and other Intuition structures. Source code generated automatically. \$99.95

Avant-Garde Software, 2213 Woodburn, Plano, TX 75075, (214) 964-0260

Professional Confidence

Configuration control package and programming aid that provides the user with tools for revision control and security of source codes, documents, sounds, graphics, and more—with personal confidence. Multiple users with enhanced security. \$499.95

Backwoods Software, P.O. Box 305, Wallowa, OR 97885, (503) 886-9075

Simplified Amiga Library

Add-on library product for Benchmark Modula-2. Functions simplify creation of Intuition screens, windows, gadgets, and menus. Only one line of source to create any of them. Functions for double-buffered animation, bobs, sprites, speech, console, and device. \$99.95

Avant-Garde Software, 2213 Woodburn, Plano, TX 75075, (214) 964-0260

Smart Fields

Simulates minicomputer input fields but fully utilizes Amiga graphic capabilities, allowing you to simultaneously specify titles, borders, and images. Uses compile-time library of C functions that link with Lattice or C programs. Handles all input editing and mouse cursor placement. Toggles between insert and type-over mode and allows full access to console keys. All field processing is transparent to the application. \$39.95
Software Ingenuity, 11325 94th St. N., P. O. Box 10084, Largo, FL 34643, (813) 393-8240

Software From Hell

Software routines, libraries, and utilities for Amiga programmers. Includes all open/close individual/specific/stereo channels, start/stop/flush/reset audio channels, play: notes, frequencies, sampled sound effects; read IFF 8SVX sound effect files; many sound effects included in package. Also includes accurate time delays using Amiga hardware timers, track positioning,

brush memory management, direct BLITTER access routines, and convert brushes to sprites. All source included with examples. All C source has been run thru Lint for maximum portability among different compilers. Libraries provided in Manx Aztec C format. \$69.95

Conceptually Advanced Technologies, P.O. Box 3302, Santa Monica, CA 90403, (213) 452-1732

Software ToolKit

Manual and disk set which includes several utilities to assist developers with Amiga programming. WACK, Memacs, Debug, Keytoy, and more. \$25.00

Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

Source Level Debugger (SDB)

Interactive source level debugger designed for fast response and ease in debugging. SDB lets user display all function action names; display values of passed parameters; examine values from any active function; customize the debugging environment with reusable command macros and procedures; use function or line-by-line tracing; set breakpoints by lines functions or variables; see actual C source as it executes; and more. \$125.00

Manx Software Systems, P. O. Box 55, Shrewsbury, NJ 07702, (800) 221-0440

Source Level Debugger and Tools

Add-on product for Benchmark Modula-2. Interactive mouse driven source level debugger, a post-modern debugger, execution profiler, source formatter, and other advanced programming tools. \$99.95

Avant-Garde Software, 2213 Woodburn, Plano, TX 75075, (214) 964-0260

T.A.S.A. (The Amiga Structure Automator)

Designs multiple screens, windows, gadgets, images, image data, sprites, borders, text, and more; it also produces the Clangvange structures for them. Can decipher structures for future editing. Reads in IFF, generates hexadecimal data for IFF brushes. Requires 1 MB of RAM. \$54.95
Future Computer Applications, P. O. Box 6140, Santa Fe, NM 87502, (505) 984-0774

TASS 2.0

The modularity of TASS applications allows any TASS application to be used within any other TASS application. Thus, completed applications can be viewed as building blocks in a dynamic and ever-expanding application environment.
Mindware International, 110 Dunlop W. Box 22158, Barrie, Ontario, Canada L4M 5R3, (705) 737-5998

▼ VIDEO PROGRAMMING ▼

ProlImage V1.1

ProlImage is a custom, menu-driven software program designed to display and update color IFF images in a seamless fashion. It supports high resolution images in up to 4096 colors plus animations. ProlImage has been designed specifically for remote operation. A powerful scripting capability enables sequencing pages in a loop or random fashion with date and time control of page selection. Seamless addition or deletion of page is possible without taking the system off line. New pages may be batched and archived for faster transmission using LZHUF compression and decompressed remotely afterwards. \$495.00
Communication Systems Engineering, 4 Todd Rd., Nashua, NH 03060, (603) 883-0223

◆ Video-Link

A simulated remote control for interactive laser disc players and VCRs. May be run as a visible program or in the background. Full access from AREXX programs and hosts. \$49.95
Knowledge Media, 436 Nunneley, Paradise, CA 95969, (916) 872-3826

Utilities

Backing Up/Copying	65
Cryptography	66
DOS Conversion	66
File Management	66
Utilities General	63
Virus Protection	66

▼ UTILITIES/GENERAL ▼

1.3 Enhancer Kit

Workbench and Kickstart for 1.3. For Amiga 500, 1000, and 2000 computers. \$29.95
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

ALF Streams

ALF Streams and ALF Backup runs with any SCSI Controller on SCSI Streamer which is produced after the rules of SCSI standard. Backup is also possible to any other hard disk or Syquest SQ555. Runs with A590 and A2091.
Pre'spect Technics Inc., P.O. Box 670 Station H, Montreal, Quebec, Canada H3G 2M6, (514) 954-1483

AccelerDisk

This utility installs a bootable Fast File System onto floppies. Unlike other attempts to put FFS onto floppies, AccelerDisk provides consistent, reliable performance, and can be used on DFO to boot up. Increases storage capacity, and increases directory access speed at least two to three times. \$29.95
MJ Systems, 1222 Brookwood Road Dept. 10A, Madison, WI 53711-3118, (800) 448-4564
please see display ad page 56

Amiga Multi-User Software

Allows the Amiga to serve multiple terminals with more than one window per terminal. Runs text-only CLI programs from the terminals. Multi-user database software available. \$120.00
Conceptual Computing, 603 Castlefield Ave., Toronto, Ontario, Canada M5N 1L9, (416) 781-7742

AmigaDOS Toolbox

A collection of essential, powerful, and easy-to-use software tools for the user who wants to overcome some of Amiga's drawbacks. ISBN 1-55755-053-0 \$39.95
Abacus Software, 5370 52nd Street S.E., Grand Rapids, MI 49512, (616) 698-0330

Ami...Alignment System

This program allows user to evaluate 3.5-inch disk drive alignment, speed, read-write performance, and other characteristics. All too frequently, users encounter error messages related to the disk drive. This program provides a means of diagnosing and correcting the problem. \$49.95
Free Spirit Software, Inc., P.O. Box 128, 58 Noble St., Kutztown, PA 19530, (215) 683-5609

AutoKick

Modify A1000 Kickstart disks to use any floppy to boot from. Software autoconfig contiguous blocks of fastmem, increase available chip RAM. Install a font of your choice in place of Topaz-8 font provided on Kickstart. Install code to prevent the spread of any viruses. Reduce the annoying click from empty drives. Speed up floppy operation. Full intuition interface; all operations selectable from gadgets. Runs from CLI or Workbench. Coded in 68000 Assembler. \$29.95
DigiSoft, 12 Dinmore Street, Moorooka, Brisbane, Queensland, Australia 4105, (011) 61-7-277-3255

B.A.D.

B.A.D. is a disk optimizer. Disk optimizing is a process in which a disk is reconstructed and organized in a manner such that the disk per-

forms much more smoothly and quickly. The results of processing a disk are quite noticeable, as it is difficult to keep disks well organized. B.A.D. does not change anything on the disk, except the location of data. B.A.D. works with floppies and hard drives, and also supports multiple partitions. \$49.95
Centaur Software, Inc., P.O. Box 4400, Redondo Beach, CA 90278, (213) 542-2226

CLI-Fonts

Provides alternate font styles and sizes for CLI and Workbench displays to replace the built-in Topaz font. Various fonts are provided with sizes from 60 to 106 characters per line. Will accept fonts built using the standard Amiga font editor, Fed. Transparent operation means compatibility with most software including text editors. Amiga 500, 1000, 2000. AmigaDOS 1.2, 1.3. Free updates. \$34.95
Eraware, P.O. Box 10832, Eugene, OR 97440, (503) 345-9178

◆ Contact

Personal contacts manager for Commodore-Amiga. Dials phone via modem, prints labels—including to PostScript; can send name/address to active document window. Non-printing comments can be included. Batch print option—for printing a chosen subset of mailing labels. Can also print label for single or all records. User can tag any text in an individual record as the sort key for that record. Supports Amiga clipboard. Demonstration disk available. Compact, memory-resident, activated by hotkey. ARexx port and example scripts provided. \$59.00
Desktop Utilities, P.O. Box 3053, Manuka, Australia ACT 2603, 011-616-239-6658

D.U.D.E.

DOS Utility/DOS Enhancer combines the power of CLI with the simplicity of Workbench. Up to twelve directory windows are visible at once so you can manipulate your files conveniently. Designed to use a minimum amount of precious RAM to maximize multitasking efficiency. Every aspect of the program can be customized to your needs and preferences. Includes a hard disk backup function. \$19.95
Centaur Software, Inc., P.O. Box 4400, Redondo Beach, CA 90278, (213) 542-2226

DJHelper

DJHelper is a Preferences-like interface providing detailed control over all features of HP DeskJet printers. Four screens allow full specification of page parameters; selection of any typeface, character set, pitch or point; conversion and downloading of soft fonts; grayscale redefinition; free positioning of graphics; editing and downloading of Amiga and HP printer commands; complete control over the AmigaDOS command set; and more. Requires AmigaDOS 1.3 or later, for any Amiga, and any HP DeskJet. \$50.00
Creative Focus, P.O. Box 580, Chenango Bridge, NY 13745-0580, (607) 648-4082

DisKwik 2.0

A complete disk editor and repair kit for the Amiga. Features include Edit in Hex or ASCII, search, restore deleted files, repair errors, checksum boot blocks, kickstart disks, and plus a lot more. Documentation describes disk origination and other aspects of AmigaDOS. Scans for errors. \$49.95
Tigress, P.O. Box 665, Glendora, CA 91740, (818) 334-0709

Doctor Ami...

Doctor Ami... is a memory and hard-drive diagnostic program that performs sophisticated, low-level tests on your system with an elegant inter-

face, and simple controls and displays. Memory and drive errors are displayed, and mapped out of the system. \$49.95
Free Spirit Software, Inc., P.O. Box 128, 58 Noble St., Kutztown, PA 19530, (215) 683-5609

Dunlap Utilities

A collection of over 40 interactive utility programs. Verify hard-drive errors, retrieve deleted files, and program your keyboard with macros. By-pass the Workbench or CLI with a better optimized, user definable Amiga user interface. \$49.95
Progressive Peripherals & Software, 464 Kalamath St., Denver, CO 80204, (303) 825-4144

Encore

Keyboard movement automation studio. Lets you build macros by capturing mouse movements and keystrokes. \$79.95
Elipsys, 1997 Mayflower Drive, Woodbridge, VA 22192, (703) 490-8157

Enhanced Sharp JX-730

Printer Driver with palettes

The Amiga printer driver is for use with the Sharp JX-730 Color Ink-Jet Printer. The printed output can be varied from light to dark using the density control in Preferences. Density 1 produces the lightest printout, while density 7 produces the darkest printout. This driver is internally color-corrected and no longer requires using color correction in Preferences. Colors are processed so that printed colors are better matched to screen colors (i.e., blue on screen prints as blue on paper, not as purple). Four 1.3- and 2.0-compatible drivers are included on disk with palettes and sample pictures. \$45.00
GlassCanvas Productions, Inc., P.O. Box 6171, Boston, MA 02114, (617) 367-3229

Enhanced Xerox 4020

Printer Driver with palettes or pictures

The Amiga printer driver is for use with the Xerox 4020 Color Ink-jet Printer. The printed output can be varied from light to dark using density control in Preferences. Density 1 produces the lightest printout, while density 7 produces the darkest printout. This driver is internally color-corrected and no longer requires using color correction in Preferences. Colors are processed so that printed colors are better matched to screen colors (i.e., blue on screen prints as blue on paper, not as purple). Three 1.3- and 2.0-compatible drivers are included on the disk with palettes and sample pictures. \$35.00
GlassCanvas Productions, Inc., P.O. Box 6171, Boston, MA 02114, (617) 367-3229

FastFonts

Set of utility programs designed to speed up text display. \$29.95
Microsmiths, Inc., P.O. Box 561, Cambridge, MA 02140, (617) 864-8595

HackPak1

Collection of virus utilities, system monitors, disk editors, and file compression utilities gathered from a variety of public domain sources and collected for those interested in Amiga system internal operations. \$10.00
MegageM, 1903 Adria, Santa Maria, CA 93454, (805) 349-1104
please see display ad page 8

Hermes IconLab 1.3

Make your own icons. All icon/brush options (icon to brush, brush to icon, etc.) available. Shows/draws/paints icons in two to 16 colors. Shows and loads all disk font. Reduces IFF pictures to icon sizes. \$34.95
Elkon Enterprises, 4654 Mistletoe, Wichita Falls, TX 76308, (817) 691-0964

Graphic Arts
Desktop Video
Word Processing
Desktop Publishing
Music
Education
Business & Home Productivity
Programming
Utilities
Entertainment
Miscellaneous Software
Drives
Memory Expansion
Accelerators
Video Hardware
Miscellaneous Hardware
Accessories & Services
Books & Tapes
CDTV
PDS Guide
AMICUS Index
Fred Fish Index
Vendor/Product Registration
AC Back Issue Index
User's Groups
Vendor Information
Product Index by Product
Product Index by Vendor
Category Index
Last Minute Additions

WHEN YOU WANT MORE THAN EMPTY PROMISES...

"I consider Project D to be akin to a well equipped luxury automobile; it gives a smooth ride and lots of easy to use operations." - *AmigaWorld*

"The user interface is wonderful..." Info Rated: 4+ stars - *Info Magazine*

Introducing the most complete disk utility system ever created for the Amiga. **Project D** includes a powerful Amiga disk copier, a special format copier, a software indexing utility and a disk editor. **Project D** also represents almost *four years* of continuous support and enhancements.

BackupTool gives you the power to protect your software investment by making backup copies of your Amiga floppy disks. It will copy both non-protected and protected disks, *deprotecting* most of your favorite copy-protected software with ease. It supports up to four disk drives and lets you copy to multiple drives at the same time.

OmniTool allows you to duplicate disks that you may have for other computers. It is able to copy most protection schemes used by other computers and will even copy software that cannot be duplicated on the host machine! The **OmniTool** is able to duplicate the Atari ST, MS-DOS, CP/M and Xenix disk formats. It will also allow you to quickly duplicate most music synthesizer disk formats including *Ensoniq* and *Roland*.

EditorTool will give the expert user complete control over AmigaDOS floppy disks and hard drives. You can examine and edit disks at the sector level in HEX and ASCII. Features include data and bitmap block checksumming as well as boot block checksumming. You can search through the edit buffer for virus text, hidden passwords, messages and hex values. You can also edit MFM data on floppy disks.

CatalogTool will help you organize and index your software library. It can automatically read filenames from any AmigaDOS device (DF0: HD0: etc.) or you can enter filenames manually. You can then quickly separate and sort your filenames into different categories.

Also included with **Project D** is a 200 page spiral bound instruction manual that contains *tutorials* for BackupTool, OmniTool and CatalogTool as well as a detailed *reference section* for each tool. A *comprehensive index* and the extensive use of *illustrations* round out this manual making it one of the easiest to read and use.

Updating **Project D** is simple and inexpensive. We will notify you of new parameters every three months, and you can order updates as often as you like, for as low as **\$12.50**. **Project D** is not copy protected in any way and is *completely compatible* with the Amiga's multi-tasking operating system.

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Fuller Computer Systems, Inc.
Dealer Inquiries Invited

Post Office Box 9222 Mesa, Arizona 85214
Project D is a trademark of Fuller Computer Systems, Inc.

Circle 138 on Reader Service card.

◆ Hyper Helpers

This package is a trio of ground-breaking, powerful programs that can make life easier for all Amigans. DosHelp is a hyper-text based online help system for AmigaDOS (supports versions 1.3 and 2.0). LaunchPad is a user-configurable menu on Workbench: plug in the names of your favorite software applications, then select one from the menu and LP runs it, parameters and all. Run-N-Play is the do-it-all file requester. It plays sounds, shows pics, displays text files, launches executables, and more, all from one place. \$59.95 INOVAtronics, Inc., 8499 Greenville Ave., Ste. 209B, Dallas, TX 75251, (214) 340-4991

ImageFinder

ImageFinder is a great utility for finding graphic files by looking at miniatures (called thumbnails) of the images in full color or in gray scale. Disk volumes and/or directories are scanned for ILBM or ANIM files to create an index file. Thumbnails stored in index files can be browsed directly or after being sorted. The drawer and file name of a selected image can be automatically entered in the file requester of an application. 512K required. \$65.00 Zardoz Software, 6114 La Salle Avenue Ste. 304, Oakland, CA 94116, (415) 339-6280

KickWork 2.0

Single-disk boot for the Amiga 1000. KickWork combines KickStart and Workbench on one disk providing Amiga 1000 users with a single-disk boot system. A one-disk software system for unattended applications. Warm boot with any other Workbench. Reboots automatically, does not have to be re-armed. Requires A1000 with at least 1MB of RAM. \$29.95 Amigo Business Computers, 192 Laurel Road, E. Northport, NY 11731, (516) 757-7334 please see display ad page 54

◆ Mach III

A keyboard and mouse enhancer that does much more than any other utility. Hotkeys play back keystrokes, mouse movements, and many special functions. Also includes a mouse accelerator, screen blanker, title bar clock, and much more. \$15.00 Polyglot Software, 884 W. Melrose Lane, Boise, ID 83706, (208) 336-4583

Multi-Prefs

This multiple preferences management tool lets you create, restore, edit, rename, sort, delete, or undelete all the preference settings you like. You can advance your printer paper to the top of the next page or toggle your Workbench screen between interlaced and non-interlaced mode instantly. \$29.95 Soft-Link, Inc., P.O. Box 304, Coventry, RI 02816, (401) 828-9304

MultiBench

A complete Workbench replacement combines the best features of an icon-based desktop, CLI, and directory utility. Extensive command language with ARexx interface. Custom menus and keyboard macros. Directories as icons or text. Selectable default icons. Able to load resident commands. Built-in text browser. Background pattern editor. Fast, compact code. \$49.95 Poole Creek Software, P.O. Box 1488, Stittsville, Ontario, Canada K0A 3G0, (613) 836-1645

SA Utilities V34.807

This software and firmware enhancement allows better support of accelerator boards (68020), high capacity read/write magnetic disks (e.g. RICOH RO5030), and a new image backup to any AmigaDOS device. ARK allows you to make an image of your hard drive to floppy, another hard drive, even a Bernoulli drive (20M or 40M). \$39.95 Canadian. Comspec Communications, 74 Wingold Ave., Toronto, Ontario, Canada M6B 1P5, (416) 785-3553

◆ STU-Amiga System Diagnostic

STU is a complete diagnostic utility for memory and disk drives. It is hard-drive installable; it multi-tasks and is not copy protected. It will test

up to seven devices/partitions at a time along with memory tests for both chip and east memory. Runs on all models, compatible with 1.2, 1.3, and 2.xx.OS. \$29.95 Custom Services, P.O. Box 254, Moorestown, NJ 08055, (609) 654-7659

Spells-It-Right

An interactive spelling checker with 50,000+ and 90,000+ word, fast, memory resident, compressed, and main dictionaries. No copy protection for easy installation to hard disks. Automatically backs up original files. User dictionaries for storage of unique jargon, names, and acronyms. Guessing for misspelled words. Executable from Workbench or the command shell. Reads and writes ASCII files for compatibility to editors and most word processors. Money-back guarantee. Requires minimum of 512K, AmigaDOS V1.2 or later. \$9.95 Advanced Software Engineering, P.O. Box 441, Sudbury, MA 01776, (617) 963-8394

Stuff-It

Create your own pull-down menus, each capable of sending a user-defined series of keystrokes to other programs just as if you typed them from the keyboard. Several menus have been created for you including one for the CLI and one for the Amiga editor-ED. \$39.95 Soft-Link, Inc., P.O. Box 304, Coventry, RI 02816, (401) 828-9304

Super-DJ V2.0

Super-DJ V2.0 is a greatly improved Amiga printer driver for HP Deskjets. It provides an enhanced implementation of printer control codes, the ability to change fonts at will, faster bitmap printing (especially with the PLUS and 500), independence of cartridge selections from Preferences, the suppression of unnecessary page feeds, and the elimination of muddy graphics. Requires AmigaDOS 1.3 or later, for any Amiga, and any HP Deskjet. \$25.00 Creative Focus, P.O. Box 580, Chenango Bridge, NY 13745-0580, (607) 648-4082

The Disk Mechanic

A collection of utilities for AmigaDOS versions 1.2, 1.3, and 2.0. The package includes tune up, a disk optimizer, which can speed up disk performance by 400%. Also included is a disk repair program, a full-featured disk sector editor, a hard disk back-up utility, and a dozen CLI based utilities. The disk mechanic supports all Amiga floppy and hard drives and the fast-filing system. Requires 512K RAM. \$89.95 Lake Forest Logic, Inc., 28101 Ballard Road, Unit E, Lake Forest, IL 60045, (708) 816-6666

WSHELL

Replacement command shell that offers command aliases, resident commands, and piping. CLI compatible, and supports ARexx. \$49.95 William S. Hawes, P.O. Box 308, Maynard, MA 01754

▼ BACKING UP/COPYING ▼

◆ AMI-BACK

AMI-BACK is a state-of-the-art hard disk backup utility. AMI-BACK will back-up and restore your hard drive quickly and conveniently. It will run on any Amiga PC running AmigaDOS 1.3 or 2.0. NTSC/PAL compatible. \$79.95 Moonlighter Software, 3208-C East Colonial Drive, Ste. 204, Orlando, FL 32803, (407) 628-3005

◆ Copyright

Copyright will copy any program available on the Amiga and not one copier program can compare or match up to Copyright's capabilities. Copyright operates without the need of parameters. It analyzes the disk and makes a perfect copy. User friendly interface tells you everything you need to know when copying to a media disk. Features include a special disk which cleans the head of your drives; 'Checks Media' disk to analyze the surface disk for errors and compatibility; 'Formats disk,' which formats a disk in about 34 seconds, Index Copy, which copies protected

disks with Index Synchronization; and much more. \$49.95 InnerPride Software, Inc., 128 Cockeysville Road, Hunt Valley, MD 21030, (301) 785-2266

DEEP SCAN BURST NIBBLER

Copy an entire disk in order under 60 seconds. Works with one to four drives. Copy up to 81 tracks. Easy to use icon-driven program. Full verify option. \$34.95 Datel Computers, 3430 E. Tropicana #67, Las Vegas, NV 89121, (800) 782-9110

EZ-Backup

Save up to 255 versions of each file. Eliminates the need to do full backups each time the incremental back-up disks begin to pile up. Features optional warning screen, volume label-checking, standard format, and individual file recovery. Multitasking. And provides archive-bit utilities. Not copy-protected. Free upgrades and telephone support. \$49.95 EZSoft, 21125 Chatsworth St., Chatsworth, CA 91311, (818) 341-8681

EnCopy

A diskcopy utility for making backups of Ensoniq keyboard disks using the Amiga computer. The Encopy package will backup SQ-80™, EPF™, and VFXsd™ 3.5-inch floppies. Requires WB 2.0 \$20.00 Bigfoot Software, 912 Karl Street, Green Bay, WI 54301-2225, (414) 435-4500

Express Copy 1.5

A hard disk backup utility which can copy directories and files to floppy disk at up to 1 meg/min. Backup disks are standard DOS disks that can be used normally from both Workbench and CLI. Can fill a floppy disk with files from your hard disk in 45 seconds. Designed for effective multitasking. Backup parameters can be saved in configuration files. Fully documented with a 65-page manual which includes a 25-page section with help and ideas on how you can better organize and manage your hard disk drive. New for Version 1.5 is support for the AE high-density floppy drive, extensive ARexx support, and a CanDo application to take advantage of the new ARexx features. \$49.95 Express-Way Software, Inc., P.O. Box 10290, Columbia, MO 65205-4005, (314) 474-2984

Fat Tracks

An upgradeable nibbler. This backup utility will allow you to make archival backups of many of your protected software that uses non-standard DOS. Fat Tracks was designed to complement RawCopy V1.3. \$59.95 Micro Systems International, 1143 Monroe Street, Carleton, MI 48117, (313) 654-8402

◆ FlashBack

Back up any hard drive to any AmigaDOS Service. Supports file-by-file and Image backups. Backs up non-AmigaDOS partitions such as A-MAX II or UNIX. Allows unattended, automatic backups. Back up to service or file on device for space conservation. Graphic, easy-to-use interface. Powerful pattern matching. Supports streaming tape backups. \$79.00 Advanced Storage Systems, (div. of Preferred Tech., Inc.), 14540 E. Beltwood Pkwy, Dallas, TX 75244, (214) 702-9191

HDutil

Fast backup mode, 20 meg in under 50 minutes. Include/exclude files by wild card, date, archive bit, list, globally, or by point and click. Auto configures to multi hard drive or partition systems. Works with all AmigaDOS-compatible hard drives. Multitasking, three backup restore modes, builds, sorts, and manipulates all files. Runs from Workbench or CLI. Written in 68000 Assembler code. 512K required. \$69.95 DigiSoft, 12 Dinmore Street, Moorooka, Brisbane, Queensland, Australia 4105, 011-617-277-3255

Mr. Backup Professional

Software only. Utilities backup capability to other drives, four floppies on your existing SCSI streaming tape. Has full ARexx implementation,

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Books & Tapes
CDTV
PDS Guide
AMICUS Index
Fred Fish Index
Vendor/Product Registration
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User's Groups
Vendor Information
Product Index by Product
Product Index by Vendor
Category Index
Last Minute Additions

12- 16-bit compression, AmigaDOS or fast disk formats. Also has built in utilities section for file manipulation. \$54.95
TTR Development, Inc., West Towne Office Center, 6701 Seybold Rd. Ste. 220, Madison, WI 53719, (608) 277-8071

Project D

Integrated disk utility system. Includes The Backup Tool, disk copier. Copies most protected disks with parameters updated regularly. The Omni Tool, a special format copier, duplicates MS-DOS/PC-DOS, Atari-ST, CP/M, and Xenix formatted disks. The Editor Tool, powerful disk-editing utility, allows you to edit Amiga disks from AmigaDOS to MFM Catalog Tool; disk indexing utility helps keep track of personal, commercial, and public domain disks. \$49.95
Fuller Computer Systems, P. O. Box 9222, Mesa, AZ 85214, (602) 497-6070
please see display ad page 64

Quarterback V4.2

Hard disk-to-floppy backup runs under Workbench or CLI. Backs up to or restores from floppy disks. The Syquest, Applied Engineering high density floppy drive, or any AmigaDOS compatible device. Uses two floppy drives (if available) for back-up/restore with automatic switching. Automatically formats diskettes, builds catalog of files, produces backup/restore report to disk or printer, and much more. Quarterback can restore to any Amiga device, including RAM. \$69.95
Central Coast Software, 424 Vista Avenue, Golden, CO 80401, (303) 526-1030

RawCopy V1.3

Ultra-powerful backup tool for your Amiga. Protects many of your favorite programs. Supports up to four 3.5-inch disks drives. Mouse-driven user interface. The only backup utility with over 300 parameters. \$59.95
Micro Systems International, 1143 Monroe Street, Carleton, MI 48117, (313) 654-8402

SuperBack

Protect data stored on a hard disk, RAM disk, or network device. Select or copy any or all files or directories onto floppy disks. Data may be restored selectively by file, directory, or device. All features accessible from key commands or mouse. Clear screens and menus; concise manual, and in-depth tutorial with step-by-step back-up instructions. \$79.95
Disc Company, The, 11022 Santa Monica Blvd, Ste. 440, Los Angeles, CA 90025, (213) 478-6767

The Reaper

With standard ASCII text parameter files, the Reaper can find shifted sector headers, find transposed sector header fields, edit MFM/GCR raw track data, and edit decoded track data. It installs on a hard disk and is not disk protected. Execute custom programs from parameter files and assembly language. \$39.95
Conceptually Advanced Technologies, P.O. Box 3302, Santa Monica, CA 90403, (213) 452-1732

◆ X-Copy Professional V3.3

Version 3.3 has many new features to include hard disk and file backup. All of the other features of the product have been updated as well. In addition, we are moving from a disk manual to a professionally printed user manual for the convenience of our users. Updates to X-Copy Professional are available for \$15 through June 30, 1991. \$69.95
Cachet Software, P.O. Box 65, Scotch Plains, NJ 07076-0065, (908) 322-2002

▼ CRYPTOGRAPHY ▼

LuCypher 1

Fast file encryption/decryption package with convenient Workbench interface for general file security and telecommunications security. Employs simulation of rotor type crypto machine with 16-character key for high speed and solid cryptographic security. Upgradable to LuCypher 2. \$49.95
MegageM, 1903 Adria, Santa Maria, CA 93454, (805) 349-1104
please see display ad page 8

LuCypher 2

Complete RSA public key cryptographic system based on prime number product keys up to 300 digits long. Fast and efficient implementation for Amiga (assembly language). Ideal as key management upgrade for LuCypher 1. Includes LyCypher 1. For sale in U.S. and Canada only. State-of-the-art telecommunication and file security. \$199.95
MegageM, 1903 Adria, Santa Maria, CA 93454, (805) 349-1104
please see display ad page 8

Magicode

Encryption system allows file protection in single or multiple levels. Contest challenges you to break the system. \$34.95
Magicircle Software, 5628 Hampshire Lane, Ste. 203, Virginia Beach, VA 23462, (804) 671-9050

▼ DOS CONVERSION ▼

64 Emulator 2

Optional interface cable lets you use any Commodore 64 disk drive or printer. \$59.95
ReadySoft, Inc., 30 Wertheim Court, Unit 2, Richmond Hill, Ontario, Canada L4B 1B9, (416) 731-4175

CrossDOS Version 4

MS-DOS file system. The program allows the user to transparently access MS-DOS or Atari ST formatted disks from any application or utility which includes file requesters. CrossDOS fully integrates itself into the Amiga operating system. It will perform virtually all DOS functions on standard Amiga hardware. It uses standard Amiga 3.5-inch and 5.25-inch floppy drives to read and write 180K, 360K, and 720K MS-DOS/Atari ST disks. CrossDOS includes utilities to format diskcopy, and check the integrity of MS-DOS disks. AmigaDOS version 2.0 compatible. \$39.95
Consultron, 11280 Parkview, Plymouth, MI 48170, (313) 459-7271

DOS-2-DOS V3.4

Transfers files between MS-DOS or Atari ST and the Amiga. Reads/writes and formats 5.25 and 3.5 MS-DOS disks and Atari ST 3.5 diskettes. Converts ASCII file line ending characters and provides Wordstar compatibility. Query/replace options provide duplicate file name detection. Supports full directory path names, with wild cards in the file names, allows selection of MS-DOS and AmigaDOS subdirectory, and displays sorted directory listing. \$55.00
Central Coast Software, 424 Vista Avenue, Golden, CO 80401, (303) 526-1030

MAC-2-DOS

Lets you read and write Macintosh diskettes on your Amiga, to and from 400K and 800K, using a standard Mac-compatible 3.5 external disk drive connected to your Amiga via the CCS interface. Converts MacPaint files to and from IFF and Mac ASCII files to and from Amiga ASCII and other conversion options are PostScript, macbinary and standard binary. As it transfers files, MAC-2-DOS automatically transfers and converts icons for the files, or creates icons. Available in two distinct configurations: Package A includes a custom hardware interface, file transfer, and file conversion software. In addition to what comes with package A, Package B also includes a Mac-compatible 3.5 disk drive, and driver software to enable it to be used as a standard Amiga storage device. A, \$99.95; B, \$297.46
Central Coast Software, 424 Vista Avenue, Golden, CO 80401, (303) 526-1030

▼ FILE MANAGEMENT ▼

◆ DFL-Demand File Loader

With Demand File Loader, no need to pre-load the RAM disk. Only copies files into the RAM disk when the need arises. Senses the need by using the search path or is solicited directly. Transparent to AmigaDOS in that files in the RAM disk may be accessed through it. Useable by

CLI and application programs that can be told where to access files. \$50.00
Marktron Microcomputer Systems, 125 N. Allen Ave Ste. 324, Pasadena, CA 91106, (818) 584-0873

◆ Directory Opus II

The ultimate directory utility. Fully configurable, easy-to-use intuition interface with full built-in help. Dozens of built-in commands with the ability to add over 90 external functions. Full ARexx interface. Super show function shows IFF, fonts and icons. Requires 1MB. \$50.00 Aus plus \$10.00 overseas.
Left Side Software, P.O. Box 289, Goodwood, SA, 5034 Australia, 011-618-293-2788

Disk-Master

File management software. Allows you to view and manipulate up to 80 files and directories at once. \$49.95
Progressive Peripherals & Software, 464 Kalamath St., Denver, CO 80204, (303) 825-4144

QUARTERBACK TOOLS

QUARTERBACK TOOLS maximizes the speed and reliability of your Amiga hard disks and floppy disks by repositioning your files to optimum locations on the disk, eliminating file fragmentation, and consolidating disk free space, achieving the fastest possible disk performance. QUARTERBACK TOOLS recovers deleted files easily and safely and 'unformats' disks you formatted by mistake. It searches the entire disk for errors, marks bad areas 'out of service', and identifies affected files. \$89.95
Central Coast Software, 424 Vista Avenue, Golden, CO 80401, (303) 526-1030

Workbench Management System V2.0

Allows user to set up and program an unlimited number of programmable buttons which can be assigned to any file. Buttons can be user setup vertically, horizontally, or even full screen. Also has built-in text editor, Rolodex, calendar, archiver, and more. \$49.95
TTR Development, Inc., West Towne Office Center, 6701 Seybold Rd. Ste. 220, Madison, WI 53719, (608) 277-8071

▼ VIRUS PROTECTION ▼

Amiga Virus Protection Toolbox

A book/software combination. The book describes the phenomenon and the measures you can take to protect your computer system from the harmful effects of a virus. The software hunts down the suspicious programs which may contain viruses. The toolbox includes a 160-page manual and describes how computer viruses work, what problems viruses cause, how viruses invade the Libraries, Handler and Devices of the operating system, preventative maintenance that you can take, and how to cure infected programs. ISBN 1-55755-055-7 \$39.95
Abacus Software, 5370 52nd Street S.E., Grand Rapids, MI 49512, (616) 698-0330

Anti-Virus

Anti-Virus is a virus protection software package with a unique feature that should stop the proliferation of any Amiga computer virus—a visual anti-virus bootblock. The visual bootblock displays the Anti-Virus logo on the screen every time an Amiga is turned on or warm booted. If a virus is present when the computer is started, the logo will not appear. Comes with a utility, vCheck, that monitors virus transmission paths. The utility is placed in the Amiga startup-sequence and monitors each disk placed in the user's Amiga. Also comes with vTrojan, the only Trojan horse protection utility available, and ships with a bootblock cataloging program. \$19.95
DevWare, Inc., 12528 Kirkham Court, Ste. 11, Poway, CA 92064, (619) 679-2825

Entertainment

▼ ENTERTAINMENT GENERAL ▼

◆ 3 In 1 Football

Statistical simulation of College and Pro football. Includes over 300 College, Pro, and great past teams. \$39.99

Data Innovations Inc., 127 N. Front St., Rising Sun, IN 47040, (812) 438-3733

3-D Pool

3-D Pool is different from other billiards simulations. One difference is that no cue stick is shown on screen. Instead of lining the stick up to the ball and shooting, with perhaps one or two angles from which to examine the shoot, 3-D Pool does away with the cue stick and allows the player to rotate the table, providing unlimited angles of view for any shot. The cue ball is always in the center of the screen, and shots are made by lining up the object ball(s) with the cue ball. Players have complete control over the position of the cue, the amount and type of English on the cue ball, and the power behind each shot. 3-D Pool follows Monte Carlo, or European rules, instead of standard American regulations. Players in 3-D Pool can participate in practice games, two-player matches where they can take on a friend, or even in a tournament against computer players of varying skill levels. 3-D Pool also includes a demo game, and a special trick shot feature, where players can try to solve 20 of the most difficult and popular trick shots in billiards. \$34.95

MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (301) 771-1151

4 in one!

Easy but fun. Four new and different games all on one disk. Play Slotcars, a fast action game for one or two players. Or entangle your opponent in a maze of wires in CircuitMania, for one or two players. Then try your hand at ShufflePuzzle, similar to sliding number puzzles but using beautiful color pictures. Finally, Follow That Tune by watching the bouncing boy jump from pedestal to pedestal playing a tune. \$14.95

Polyglot Software, 884 W. Melrose Lane, Boise, ID 83706, (208) 336-4583

48 Great Golf Courses of the World

For use with World Class Leader Board™. Play along with the Pros as they travel the PGA Tour. Contact SaxMan Systems for price.

SaxMan Systems, 400 Walnut #403, Redwood City, CA 94063, (415) 368-6499

4th & Inches

Joystick-controlled football simulation with spotter's P.O.V. from the press box. Players' energy levels decrease according to plays. You choose the starters. Each player has his own individual playing characteristics. \$19.95

Accolade, 550 S. Winchester Blvd. Ste. 200, San Jose, CA 95128, (408) 985-1700

4th & Inches Team Construction Disk

Used with 4th & Inches, assemble your own teams for play. Assign all the stats, sizes, and playing characteristics of each of your 4th & Inches players. \$9.95

Accolade, 550 S. Winchester Blvd. Ste. 200, San Jose, CA 95128, (408) 985-1700

688 Attack Sub

Players experience the actual dilemmas faced by modern submarine commanders. In peacetime, players hunt and dodge foreign subs while trying to avoid ambiguous gestures that could lead to a shooting match with an opponent. You walk the razor's edge between practicing for war and actually starting one! As cold war turns into full war, missions become increasingly dangerous.

Players stalk ballistic missile submarines, attack enemy convoys, and duel other hunter-killers to the death.

Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

◆ ABC's Monday Night Football

Experience the gut-wrenching action of the gridiron. Hear the plays called by Frank Gifford. You're the quarterback—setting the formations and calling the plays. You can play offense and defense, plus a complete kicking game, including field goals, punts, kickoffs, and extra points. \$49.95

Data East USA, Inc., 1850 Little Orchard Street, San Jose, CA 95125, (408) 286-7080

◆ Abyss

An unusual arcade/strategy game with colorful, scrolling graphics, and amusing sound effects. Score points by guiding the 'hustle-sweeties' into the abyss and locating the life-giving liquids. Work through mazes, avoid traps, and hostile attacks. Requires 1MB of memory. \$39.95

Free Spirit Software, Inc., P. O. Box 128, 58 Noble St., Kutztown, PA 19530, (215) 683-5609

Action Fighter

You are Super Rider, assigned to carry out five dangerous air and ground battles in this Sega arcade game. You're riding a motorcycle, but if you find the right parts along the road it transforms into a supercharged sports car or state-of-the-art airplane. \$39.95

Mindscape, A Software Toolworks company, 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

Advanced Dungeons & Dragons:

Dragons Of Flame

Lead the eight Companions of the Lance on an action-filled quest through the wilderness of the Elven Mosaic where they gain valuable allies—the mysterious elves of Qualinesti. The Companions must also ally with non-player characters such as nomads and refugee townsfolk, sneak through the caves of Sla-Mori and into the fortress of Pax Tharkas. Inside the fortress, Companions must recover the sword Wyrmslayer and free the slaves held there by the evil dragons and Draconians. Each Companion has specialized skills. Use them along the way to evade Draconian patrols and to keep one step ahead of the malevolent dragons, giant wasps, griffins, wraiths, zombies and scores of other monsters. Triumph over evil to save the world of Krynn from Takhisis, the Queen of Darkness. \$39.95

Strategic Simulations, Inc., 675 Almanor Avenue, Sunnyvale, CA 94086-2901, (408) 737-6800

Advanced Dungeons & Dragons: Hillsfar

Hillsfar combines features of both adventure and action-style games. Shortly after arriving in the city of Hillsfar, each character is sent on a series of quests. The game automatically modifies each subsequent quest depending on the character's class. Each character must successfully complete several action-oriented events: archery, maze exploration, arena combat, lockpicking, and equestrian challenges. If he is successful, various rewards await the victor: gold, experience, and even magical items. \$49.95

Strategic Simulations, Inc., 675 Almanor Avenue, Sunnyvale, CA 94086-2901, (408) 737-6800

Advanced Dungeons and Dragons:

Heroes of the Lance

Enters you along with eight skilled companions into the ruins of the temple Xak Tsaroth. Here you battle against Khisanth's evil creatures for the magic key. \$39.95

Strategic Simulations, Inc., 675 Almanor Avenue, Sunnyvale, CA 94086-2901, (408) 737-6800

Adventures Through Time, Vol. I:

The Scavenger Hunt

Scavenger Hunt is an animated text adventure game, in which you become Buck Walker, the son of a 21st Century time traveler. Journey into the past in search of five historical artifacts to become the winner of the first scavenger hunt throughout time. Features include overscan graphics, multitasking, mouse/keyboard shortcuts, an advanced text parser, and smooth animation. \$49.95

Aurum Software, P.O. Box 5392, Ventura, CA 93005, (805) 659-3570

Aegis Capitalism

Time for 'The Donald' to step aside, there's a new kid on the multi-million dollar block—you! This is an exciting empire-building game, where you compete against up to 5 other players in creating the ultimate corporation. More than 3 years of research went into the business end of this incredible game. Even play via the modem, or a null-modem local connection. Choose to run your corporation in the USA, Mexico, or Europe! Combines more than 20 arcade-style sequences with intense strategy! Workbench 2.0-compatible. Available Summer 1991. Price TBA.

Oxxi/Aegis, 1339 E. 28th Street, Long Beach, CA 90806, (213) 427-1227

After Burner by Sega

Pilot an F-14 Tom Cat through a variety of exciting rescue missions in the home-computer version of Sega's arcade smash hit. Feel the power and the rush of being airborne as you control air speed, flight direction, and weapon selection. \$49.95

Mindscape, A Software Toolworks company, 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

Airball

The Evil Wizard has turned you into an Airball—with a slow airleak. You must search over 300 rooms to find the spellbook, which contains the ingredients needed to turn you back into a human. Hurry, before you run out of air. \$19.95

MichTron, 3201 Drummond Plaza, Newark, DE 19711, (302) 454-7946

◆ Airwave Adventure: The Case of the Cautious Condor

Tiger Media's breakthrough interactive mystery is now available for the Amiga! Explore hundreds of images, hours of audio, and thousands of possibilities. Can you discover the solution? Join Ned Peters, detective, and a colorful cast of suspects on board the 1937 maiden voyage of the Condor. You have thirty minutes to solve the crime on this thrilling flight into history and murder. See CDTV section also. \$49.95

Tiger Media, 5801 E. Slauson Avenue, Ste. 200, Los Angeles, CA 90040, (213) 721-8282

◆ Alien Drug Lords

In this role-playing game, your mission, as a special agent from the Celestial Investigation Agency, is to discover the secrets of the Intergalactic Benevolent Corporation. A deadly drug, Xylopsiline, has pervaded the atmospheres of several enclosed cities. The only antidote is produced by the IBC. How do they make it, and why are so many city atmospheres suddenly poisoned? Your mission is to penetrate the security of the planet that the IBC has in its grip, obtain the antidote, and destroy any stocks of the drug. \$60.00

Panther Games, P.O. Box 5662, Derwood, MD 20855, (301) 977-3379

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Last Minute Additions

Alien Syndrome by Sega

Aliens have taken over an out-colony and are holding your friends hostage. In this Sega arcade game, you'd better move fast—because soon, a time bomb will get all of you. \$39.95
Mindscape, A Software Toolworks company, 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

Altered Beasts by Sega

Summoned by Zeus, God of Thunder, you have been awakened from the dead to challenge the wicked Neff, God of the Underworld, for the fate of Athena. You are the Altered Beast bestowed with five formidable forces of transformation — each more ferocious, more overwhelming than the last. In this worldwide arcade hit you destroy Grave Masters, Chicken Stringers, Cave Needles, and other treacherous foes. \$39.95
Sega, Distributed by Mindscape Inc.

Altered Destiny

P.J. Barrett's intentions to spend the evening watching a film festival on television with his steady girlfriend are drastically changed. The moment he settles down with his popcorn in front of his television set, he is literally sucked through the screen, popcorn included, into a fantastical alternate world unlike any he could have ever imagined. In this other world P.J. meets JonQuah who sends him on a mission to find Helmar, JonQuah's twin brother who has been corrupted by a jewel whose powers are destructive and are slowly destroying their universe. P.J. must search this strange world to find Helmar, ultimately separating him from the jewel and returning it to its rightful place. If P.J. fails, this world will not only cease to exist, but he will be unable to return to his own. \$69.95
Accolade, 550 S. Winchester Blvd. Ste. 200, San Jose, CA 95128, (408) 985-1700

◆ Amazing Spider-Man

Mysterio, the master criminal and illusionist, has kidnapped Peter Parker's wife, Mary Jane. To rescue her, Peter Parker calls on his alter ego, the Amazing Spider-Man. As the famous web-slinger, you'll invade Mysterio's lair to battle the supervillain's robotic guards, tricks, and traps. \$39.95
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (301) 771-1151

Amegas

Amegas is a fast-paced game written to take full advantage of the Amiga's amazing speed, graphics and sound! Bounce, shoot, slam, and juggle your way through forty challenging screens. Every screen has its own surprises and it will take quick reflexes to deal with all the action, sounds, and sights! \$34.95
DigiTek Software, 8910 N. Dale Mabry Executive Center, Tampa, FL 33614, (813) 933-8023

Anarchy

Whether you liked or loathed Defender, you'll love Anarchy. The speed at which the screen rolls is dazzling and the number of aliens, bullets, and other miscellaneous objects that are animated simultaneously is absolutely remarkable. Anarchy features full-screen, horizontal, four-level parallax scrolling, arcade running speed (50 frames/sec), up to 80 aliens attacking simultaneously, full-screen animation sequences of over 450 screens, four-channel sampled soundtrack and saveable top 50 Hi-Score table. \$39.99
Psygnosis Limited, 29 St. Mary's Court, Brookline, MA 02146, (617) 731-3553

Annals of Rome

You are the leader of the ancient Roman senate dated back to 273 BC. Foreign and civil wars. \$34.95
DataSoft, Distributed by Electronic Arts, (800) 245-4525

◆ Apprentice

Jump 'n Run Adventure! Lots of levels, including hidden levels and rooms, which can only be entered after solving different puzzles. \$29.95
InnerPrise Software, Inc., 128 Cockeysville Road, Hunt Valley, MD 21030, (301) 785-2266

Aquaventura

Multi-level arcade game that moves solid objects on a fully featured smooth scrolling 3-D playfield at phenomenal speed. A product that stretches 16-bit technology to its limits in graphics, sound, gameplay, and cubic destruction. Includes original design T-shirt by Roger Dean. \$49.95
Psygnosis Limited, 29 St. Mary's Court, Brookline, MA 02146, (617) 731-3553

◆ Arachnophobia

Disney has combined arcade action and strategy games in one exciting outing with Arachnophobia. Playing off people's fear and dread of spiders, you can wipe out a hoard of highly venomous South American spiders using flamethrowers, bug-bombs, and insecticide. If you are able to outwit these dangerous fiends, you'll earn a top secret assignment in South America where you will face the ultimate eight-legged challenge. Arachnophobia takes you through thousands of locations in your search for these eight-legged demons. Eight levels of increasing difficulty and 12 different varieties of spiders will challenge even the best game players. Available in June 1991. \$49.95
Walt Disney Computer Software, Inc., 500 S. Buena Vista Street, Burbank, CA 91521, (818) 567-5360

Arcade Fever

Two games designed to test your arcade skills to the hilt! As StormLord, a strong and mighty warrior, you must match wits against the wicked monarch to rescue the imprisoned faerie folk from his beastly clutches. In Onslaught, you undertake sieges, mount defending actions, and put down rebellions; battle with many armed temple guardians and engage in mind duels with enemy generals. \$39.95
Cinemaware Corporation, 4165 Thousand Oaks Blvd., Westlake Village, CA 91362, (805) 495-6515

Archipelagos by Fanfare

Archipelagos is an action-strategy game where the player's goals are to destroy radioactive nodes and obelisks in an effort to make the earth inhabitable for humans. But the quest is hindered by wandering necromancers, waste patches, and malfunctioning air sweepers. \$39.95
Britannica Software, 345 Fourth Street, San Francisco, CA 94107, (800) 572-2272

◆ Armour-Geddon

Post Holocaust: A powerful crazed entity desires control of earth. They develop an energy beam and intend to bounce it off a custom built satellite back to earth. All unprotected life will be wiped out. You select and control up to six diverse hi-tech vehicles at once in a race against time to seek and destroy enemy power lines and eventually knock out their beam generator. Build up your arsenal by collecting enemy resources to help develop and create your own new weapon systems. Featuring smooth scrolling, 3-D heads up displays and head-to-head serial link enabling 'being there' realism between two players. \$49.99
Psygnosis Limited, 29 St. Mary's Court, Brookline, MA 02146, (617) 731-3553

Arthur: The Quest for Excalibur

In Arthur: The Quest for Excalibur, players get the chance to fulfill their destiny as they assume the role of the youthful Arthur on a quest for Excalibur, the legendary sword that will make him King of England. Arthur brings Arthurian legend to life with rich, evocative prose, mythic characters, and more than 100 captivating graphics evoking medieval England. As an eel, owl, salamander, turtle, or badger, players can go places and do things that would otherwise be impossible. How players use this power, and how they solve the myriad puzzles that confront them, will determine the success of their quest. \$29.95
Infocom, See Mediagenic

Artura by Arcadia

Arcade adventure in days of old! As Artura, you must maneuver the mystical wheel of Cerridwen to rescue Nimue, the beautiful keeper of the secret of the lost ancient treasures, from the stronghold

of the evil half-sister, Morgause. Overcome ghouls, spiders, soldiers, and giant rats to find the mystic rune stones which will help your quest. \$39.99
Virgin Mastertronic International, 18001 Cowan Street, Ste. A & B, Irvine, CA 92714, (714) 833-8710

Aunt Arctic Adventure

New multi-level arcade game with challenges and surprises for the experienced gamer. Charlie the Chimp has talked his good friend Penguin Pete into helping him rescue his Aunt, who has been kidnapped by Big Borus, the evil ringmaster, who has forced her to work in his circus in the Arctic. You must battle your way through each of 50 levels. Full stereo sound effects and music. 5400 full-color screens. \$39.95
Mindscape International, 110 Dunlop W. Box 22158, Barrie, Ontario, Canada L4M 5R3, (705) 737-5998

Aussie Joker Poker by Joker Software International

A computerized card game where the computer acts as dealer and croupier, while up to 90 players compete against one another. Purchasers who believe they are among the top 25 poker players are able to play in a special competition mode and may enter their scores for consideration in an Aussie Joker Poker Hall of Fame. \$14.95
Mindscape, A Software Toolworks company, 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

Autoduel

Build the biggest, baddest, heaviest armed car you can to carry out an FBI mission. An adaptation of Car Wars, the package includes one disk, a road map, driver's handbook, and a tool kit. \$39.95
Origin Systems, Inc., P.O. Box 161750, Austin, TX 78716, (512) 328-5490

◆ Aviators

From the team that brought you Battle Squadron and Hybris! The next stage in vertical shoot-ups! With 128 colors on screen, four-way scrolling, 2 players, parallax scrolling. Available Spring '91. \$39.95
InnerPrise Software, Inc., 128 Cockeysville Road, Hunt Valley, MD 21030, (301) 785-2266

Awesome

From the creators of Beast and Beast II comes this awe-inspiring combination of shoot-em-up action and trading stratagems featuring innovative hyperspace stations, full screen aliens and a whole galaxy to explore. You need tons of fuel to escape from your exploding galaxy. The only way you can get it is through trading missions on behalf of the Federation. Fighting off waves of pirates, attacking police convoys and dancing with death to mine asteroids while facing colossal creatures and a horde of aliens before you get planetside. Make it to the surface, and you still have to get safely inside the station complex to get access to the time/warp navitron for navigation directives and to begin the trading necessary to acquire the supplies and resources that you need to continue. Awesome takes you beyond the final frontier. Roger Dean designed T-shirt included in each package. \$59.99
Psygnosis Limited, 29 St. Mary's Court, Brookline, MA 02146, (617) 731-3553

Awesome Arcade Action Pack

Three great arcade games: Sidewinder, Captain Zed, and Blasta Ball. In Sidewinder, you'll pilot a spaceship through 3-D scrolling screens to kill the alien Star Killer. Captain Zed leads you through 14 levels of attack from vicious Xenon aliens. Blasta Ball is 37th century ice hockey. \$49.99
Arcadia, Distributed by Electronic Arts

BAAL

A mixture of strategy and arcade action featuring: eight-way scrolling through three distinctive domains, multi-level. More than 100 monsters and 400 traps. You are the leader of the Time Warriors. Can you save earth from the evil BAAL?

His army of undead has stolen an awesome weapon of destruction, a War Machine. Can you succeed in fighting off his monstrous demonic beasts? The alternative is literally hell on Earth. \$29.95
Psygnosis Limited, 29 St. Mary's Court, Brookline, MA 02146, (617) 731-3553

◆ Back to the Future II

Combines five adventures—three arcade action arenas plus two logic puzzle levels—that challenge your intellect as well as your reflexes. In order to survive Biff and the boys, Marty needs to grab as many weapons and energy boosters as possible. Marty and Doc venture through famous scenes from the hit movie like the Hill Valley Hoverboard fiasco and the 'Enchantment Under the Sea' dance. Travel through time, via your Delorean, to 1955, 1985 and 2015. Encounter all your favorite characters including Doc, Jennifer, Biff, and Griff. \$39.95
Konami, Inc., 900 DeerField Parkway, Buffalo Grove, IL 60089-4510, (708) 215-5111 support

Bad Dudes

This arcade hit thrusts you into a modern day mission to rescue the President from a ruthless kidnapper—The Dragon Ninja. As Blade or Striker you take to the streets. But the Dragon Ninja is ready for you. He sends wave after wave of relentless ninjas and enemies to stop you. In the end you can take on the Dragon Ninja himself. \$44.95
Data East USA, Inc., 1850 Little Orchard Street, San Jose, CA 95125, (408) 286-7080

Balance of Power

Takes all the features of the original award winning game and adds numerous enhancements to reflect the current amplified state of world affairs. Be a superpower leader in this nuclear-age strategic simulation pitting the US against the USSR. \$39.95
Mindscape, A Software Toolworks company, 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

Balance of Power: The 1990 Edition

Experience firsthand the pressures and challenges of global leadership in the updated and expanded version of Chris Crawford's award winning geopolitical simulation. In the game, you conduct foreign policy as the president of the USA or as the general secretary of the USSR. Strike the right balance between forcefulness and cooperation, and you accumulate world prestige without creating nuclear holocaust. \$49.95
Mindscape, A Software Toolworks company, 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

Ballistic

Played on over 130 different pitches. You've got to score more goals than your opponent, whether it's another humanoid or the computer. Everything from ball speed, to control, to pitch design, to number of players can be selected from the opening screen. \$34.95
Psygnosis Limited, 29 St. Mary's Court, Brookline, MA 02146, (617) 731-3553

Bandit Kings of Ancient China

Bandit Kings takes place at the turn of the 12th Century. It is based on an ancient Chinese legend similar to that of Robin Hood. Good men have been cast out of the Empire by the evil Minister of War, Gao Qiu, and fled to the countryside. Their goal is to gain strength to right the wrongs that occurred and restore the glory of the Song Empire. It is a combination of role playing game, war game, and management game. The final enemy is Gao Qiu, the evil Minister of War. If you can destroy him, you have destroyed the evil force corrupting society and the game is over. But beware...it is not as easy as it sounds. \$59.95
Koei Corporation, 1 Bay Plaza, Ste. 540, 1350 Bayshore Plaza, Burlingame, CA 94010, (415) 348-0200

Bar Games

Combines the elements of the traditional bar—interesting people, highly-charged conversations—and adds a sophisticated 90's flair to create some of the most entertaining and challenging situations people could ever hope to find in this kind of environment. Pick-up Artist tests your wit and charm, not to mention your ability to get a date; Liar's Dice dares you to bet a hand of dice against an attractive and cunning opponent; the wet-shirt contest and beer toss challenge your strategy skills and reflexes in Wet 'n Wild and Last Call; finally, you're guaranteed an increased heart rate in head-to-head Air Hockey competition. \$44.95
Accolade, 550 S. Winchester Blvd. Ste. 200, San Jose, CA 95128, (408) 985-1700

◆ Basketball-The Pro Game

Statistical simulation of Pro basketball. Includes stats compiler and over 100 teams. \$39.99
Data Innovations Inc., 127 N. Front St., Rising Sun, IN 47040, (812) 438-3733

Batman the Caped Crusader

It's two exciting games in one. Now you can thwart the Penguin or the Joker and crack the world's most baffling crimes as Batman, the Caped Crusader. First a flock of web-footed warriors, then a barrage of bomb-throwing buffoons. This could only be the diabolical doings of you-know-who... An umbrella factory? Robotic penguins? Looks like the infamous jailbird's out again on another felonious fling! Can you locate the Penguin's master computer? Clip his wings and pull the plug on his squawking thugs. Quick to the utility screen! Batarangs! Batgrenades! And a banana, for boosted crime-fighting energy. A booby-trapped funhouse? A circus of clones? The crown prince of crime is about to deal his most heinous hand ever! Can you rescue the imperiled Robin? Dethrone the Joker and defuse his troupe of doomsday duplicates? \$44.95
Data East USA, Inc., 1850 Little Orchard Street, San Jose, CA 95125, (408) 286-7080

◆ Batman: The Movie

The Joker's out to take over Gotham City, and only you can put an end to his callous capers. As Batman, you'll meet your enemy in the most dangerous places—the chemical factory, the mansion, and in your final showdown at the dizzying heights of the bell tower. Superior sound and graphics put you in control of Batman's deadly arsenal—the Batmobile, the Batwing, and the Batarang. You'll drive, run, fly, and battle your way to destroying the Joker. \$44.95
Data East USA, Inc., 1850 Little Orchard Street, San Jose, CA 95125, (408) 286-7080

Battle Chess

Animated chess pieces fight over the squares. Pieces represent medieval figures. Colorful animation & digitized sound can be toggled on/off. Strong chess algorithm for those who want to concentrate on the game. See CDTV section also. \$49.95
Interplay Productions, 3710 S. Susan, Ste. 100, Santa Ana, CA 92704, (714) 549-9001

◆ Battle Chess II: Chinese Chess

Cannons thunder, chariots race over grassy fields, and dragons hurl fireballs at opposing forces in the latest animated strategy game from Interplay. Watch as dragons toast hapless knights, counselors flatten pawns with enormous mallets hidden in their robes, and cannons merrily blast away at opponents cowering behind other pieces. Recommends best move, and shows legal moves. Multiple difficulty levels, 2-D and 3-D viewing modes. Available July 1991. Price TBA.
Interplay Productions, 3710 S. Susan, Ste. 100, Santa Ana, CA 92704, (714) 549-9001

◆ Battle Command

An arcade strategy game where the North/South divide is a life-threatening issue—the Ultra War. Ten years on, the latest phase of this siege has culminated in a World War I situation arising, and a stand-off between armies massed over a

long dug-in battle front. You must succeed where other elite troops have failed, and strike a blow for freedom against the oppressive Southern Forces. Brains and priceless military hardware are your only protection. Over 15 missions, four Weapon Pods to stockpile with lethal devices, and a detailed manual included. \$49.94
Ocean of America, Inc., 1855 O'Toole Ave., Ste. D-102, San Jose, CA 95131, (408) 954-0201

Battle Squadron

One- and two-player modes, vertical and horizontal scrolling, and chameleon enemies who become almost invisible as they mimic the background terrain. Battle Squadron delivers a unique, 3-D futuristic gaming experience. Earth forces in 2400 A.D. have traveled through space to retaliate against a devastating Barrax Empire attack. You're in command of an Earth space cruiser, dodging and darting across alien terrain, facing dozens of whirling air enemies, and challenging intense fire from ground emplacements. \$39.95
InnerPrise Software, Inc., 128 Cockeysville Road, Hunt Valley, MD 21030, (301) 785-2266

BattleDroidz

A 3-D animated competition game based on the brutal gladiator games of ancient earth. The Master Computer, Kronos Prime, has designed a series of warzones with five levels of difficulty. Players maneuver through landscapes of rolling digital hills, plummeting concrete cliffs, and searing acid pools. Armed with smart bombs and photon guns, the BattleDroidz must conquer each war zone by capturing the energy keys that unlock the entrance to the next zone. \$34.95
DataSoft, Distributed by Electronic Arts, (800) 245-4525

BattleTech: The Crescent Hawk's Inception

Authentic BattleTech combat is yours to command. Exciting, animated role-playing action. All new, richly detailed story set in the world of the Successor States. Emotive outtakes in the Japanese-comics style increase the realism. Plan your own battle tactics, or let the computer determine strategies for you. Your Battletech package contains the game disk, Player's Guide, Weapon and Mech Recognition Guide, and full-color poster. \$29.95
Infocom, See Mediagenic

Battlehawks 1942™

The blood-red Rising Sun on the tan flight deck of the Akagi rushes toward your windscreen as your SBD-3 Dauntless dives through the flak—3,000 feet! 2,000 feet! Bombs away! In Battlehawks



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Last Minute Additions

1942™, you'll fly historically accurate missions in realistic U.S. and Japanese fighters, dive bombers, and torpedo planes in four carrier battles of the Pacific war. True-to-life flight dynamics and instant replays make this a thriller. \$49.95
Lucasfilm Games, P.O. Box 10307, San Rafael, CA 94912, (800) 782-7927

◆ BeBop 'N Drop

BeBop 'N Drop is a graphical puzzle game, the next generation of the popular shareware game Obsess-O-Matic. The object is to fit falling pieces together forming horizontal rows, which then disappear off the board. If the pieces reach the top of the board, the game is over. 50 one player and 25 two player game boards are organized for tournament or single board play. Each board has a unique shape containing tricks, traps and possible secret solutions. Board utilizes piece sets, where shapes, color graphic bitmaps, digitized stereo sounds, and animations vary. Special effects such as the pile driver, firestorm, and the column fillers add enjoyment to game play. Produced by Electronic Horizons. \$34.95
Palomax, Inc., 424 Moreboro Road, Hatboro, PA 19040, (215) 672-6815

Beyond 2400 A.D.

Step into the blistering action and strategy of futuristic urban combat in this space age, role-playing adventure game. As a new arrival on the planet XK-120, you are chosen by the beleaguered underground resistance to lead the revolution against sinister robot oppressors and restore freedom to the city of Metropolis. Smooth-scrolling, state of the art graphics with a slightly tilted, top-down perspective. Provides a large, detailed city with 9 levels and a huge underground passageway system. \$29.95
Origin Systems, Inc., P.O. Box 161750, Austin, TX 78716, (512) 328-5490

Beyond Dark Castle

Return with Prince Duncan as he ventures on a mission to conquer his mortal enemy, the Black Knight. Players find themselves back in the dreary, damp castle and they must combine their best strategic tactics with quick action in an all-out adventure. A sequel to Dark Castle, this title features third-person perspective where players are continually challenged with animated creatures and seemingly inescapable castle rooms. \$29.95

Activision, See Mediagenic

◆ Big Business

Big Business is a humorous, wacky simulation of a large manufacturing corporation. Three players, each starting off with equal assets and marketing the same product, compete to acquire the greatest net worth by the end of the game. While some aspects of the game are strictly for entertainment, the core of the program is a very accurate economic model. Options: total of three players can compete; loading and saving of game status; print capabilities, etc. \$49.95

DigiTek Software, 8910 N. Dale Mabry Executive Center, Tampa, FL 33614, (813) 933-8023

◆ Bill & Ted's Excellent Adventure

For a hilarious, time-warped trip through history, it's Bill & Ted's Excellent Adventure, a fully-animated arcade action game recreating all the fun of the hit movie. It's a bodacious romp in search of famous dudes—Napoleon, Socrates, Ghengis Khan, Freud, Joan of Arc, Lincoln, Einstein, and more—it's a quest to pass that most heinous history exam. Digitized photos and sound from the movie add to this outrageous adventure. See CDTV section also. \$39.95
Capstone, 14202 SW 136th Street, Miami, FL 33186, (305) 252-9040

◆ Bill Elliott's NASCAR Challenge

Choose from six official banked NASCAR tracks of Daytona, Atlanta, Bristol, Darlington, Michigan, and Talladega, or the twisting road courses of Sears Point and Watkins Glen. Then prepare to race using track condition information to adapt your stock car by adjusting engine type, tire

stagger, spoiler angle, and gear ratio. Players can review their driving skills with a VCR instant-replay mode which allows players to record their action (crashes and all) from six different camera positions and play it back. Authentic racing features include a dash board with damage warning light, tach, fuel, oil, and temperature gauges. A leader board shows your best and current lap times, number of laps raced, your position, and how far you are behind the leader. \$49.95
Konami, Inc., 900 DeerField Parkway, Buffalo Grove, IL 60089-4510, (708) 215-5111 support

Bingo Parlor

Talking bingo game for one to 10 players. Menu choice of game, speed, voice. With 320 x 200 resolution. \$19.95
Silver Software, 1922 Purchase Brook Road, Southbury, CT 06488, (203) 264-2583

Bionic Commando

For two years, your people have struggled against invading forces. With your army reduced to a handful and your artillery depleted, further resistance seems impossible. But in a hidden underground laboratory, a team of scientists has at last perfected a new kind of fighting machine: a bionic arm that extends and contracts, providing unheard of strength and maneuverability. Combined with an arsenal of rapid-fire, armor-piercing, and heat-seeking weaponry, this will put the power of an entire army in the hands of one man... one carefully chosen soldier, who has what it takes to become a new breed of unstoppable commando... a Bionic Commando. And you are that soldier. \$39.95
Capcom, U.S.A., 3303 Scott Blvd., Santa Clara, CA 95054, (408) 727-0400

Black Gold

Go into the CEO's office of a major international oil company where you make all the decisions that affect your company's future. You'll search the globe for profitable offshore and land-based oil concessions, studying expert surveys, tracking your competition and drilling for oil. Play three computer opponents or up to three friends; select a quick game for a few hours of fun, or a long-term battle for survival that takes weeks to complete. \$39.95
Electronic Zoo, 3431-A Benson Ave., Baltimore, MD 21227, (301) 646-5031

BlackJack

Now you can play BlackJack on your Amiga just as if you were in Nevada. Deals up to nine players using up to nine decks! This program actually analyzes and reports on your progress during the game so you can mathematically create your own system of betting and winning! BlackJack is totally mouse-operated and has built-in instructions that can be recalled any time during operation. \$34.95
Software Factory, The, 4574 N. Linda Vista, Boise, ID 83704, (208) 378-0836

Blackjack Academy

Learn and practice the basics of Blackjack. Five-player card table, dollar amounts up to \$9,999.00, on and off card toggles. Use multiple table rules (Reno, Las Vegas, Atlantic City) or customize your own table. Pull-down help menu, color selectability, play strategies, game save, and retrieve. Also includes quick reference card to help you make the best decision. \$24.95
Microillusions, P.O. Box 3475, Granada Hills, CA 91394, (818) 785-7345

Blades of Steel

Finally—speed, guts, instinct, and raw physical talent are the deciding factors in a game designed to simulate all pro championship caliber hockey. It's a game where brute force out-muscles brain power. A game you can master so long as you have one fundamental talent—an extraordinary will to win. Features simultaneous play for two or play against the computer. Joystick controlled. \$19.95

Konami, Inc., 900 DeerField Parkway, Buffalo Grove, IL 60089-4510, (708) 215-5111 support

Blitzkrieg at the Ardennes

WWII battle simulation game. Full color graphics, digitized sound. Also available: 1MB version \$59.95; updates \$10 plus disk. \$52.95
Command Simulations, 330 S. Dekatur, Las Vegas, NV 89107, (702) 870-8162

Blockout

A 3-D challenge of thought and skill. Maneuver, rotate, and position various 3-D blocks, as they fall into the playing pit. Fit them together to form complete layers that disappear giving you more room to work. Options allow you to change the size of the playing pit, the block shapes, and the speed of play-making for literally thousands of combinations. \$39.95
California Dreams, 130 A Knowles Dr., Los Gatos, CA 95030, (408) 378-0340

Blood Money

Swap from submarine to helicopter to jet pack in your fight against the monstrous creatures and alien weapons assaulting you from all angles. Balance your budget throughout each of the four alien safari missions. And buying extra weapons isn't just a frill — it's a matter of life and death. \$39.95
Psygnosis Limited, 29 St. Mary's Court, Brookline, MA 02146, (617) 731-3553

Blue Angels

Flight simulation. You perform over 25 actual air show maneuvers in three types of air shows and earn a place on the pilots Hall of Fame. \$44.95
Accolade, 550 S. Winchester Blvd. Ste. 200, San Jose, CA 95128, (408) 985-1700

Bowling

Bowling action game. Player uses the mouse to throw the ball. \$19.95
Silver Software, 1922 Purchase Brook Road, Southbury, CT 06488, (203) 264-2583

BrainBlaster

Two games designed to scramble your brains and challenge your reflexes: Xenon 2, a coin-op quality action game with a hot soundtrack to match, and Bombuzal, a fast-moving strategy game with over 120 levels of mayhem in 2-D overhead and 3-D isometric points of view. \$39.95
Cinemaware Corporation, 4165 Thousand Oaks Blvd., Westlake Village, CA 91362, (805) 495-6515

Breach

One player tactical squad combat game. Includes intelligent opponents, multi-level combat areas, many pieces of equipment, and several combat scenarios. Includes scenario builder. \$39.95
Omnitrend Software, Inc., 15 Winchester Court, Farmington, CT 06032, (203) 678-7679

Breach 2

The campaign continues! Lead squads of marines into more sophisticated scenarios. Features animated play and digitized sounds. \$49.95
Omnitrend Software, Inc., 15 Winchester Court, Farmington, CT 06032, (203) 678-7679

Bride of the Robot

Adult graphic/text adventure. The further adventures of Captain Brad Stallion. Miss Galaxy has been kidnapped by a runaway robot! Your mission is to rescue her. \$39.95
Free Spirit Software, Inc., P.O. Box 128, 58 Noble St., Kutztown, PA 19530, (215) 683-5609

Bridge 6.0

The latest version of Bridge has significantly improved bidding and play from earlier releases and has numerous new convenience features. As before, Bridge 6.0 will bid and play out the hand, recognize blackwood and stayman conventions, and replay interesting hands as well as deal an opening hand if requested. The auto-bid and play features have been expanded to include a suggested bid; the minimum point count for an opening hand can now be specified up to 25 points; the last trick and bidding can be reviewed and the bidding now takes into account partial game scores. In addition, you can play either

contract or duplicate bridge. In the duplicate mode, the program deals the same hand twice, switching positions to allow the user to play both offense and defense. The program will deal millions of different hands and you can even set up your own hands and save them to disk for replay at a later time. \$39.95
Artworx, 1844 Penfield Rd., Penfield, NY 14526, (800) 828-6573

Brigade Commander

Real time tactical war-game simulation. Utilizes real time play nonstop. Built in editor allows you to create any unit you want from the past into the future. Current official data disks include Operation Desert Shield and Operation Desert Storm. \$44.95

TTR Development, Inc., West Towne Office Center, 6701 Seybold Rd. Ste. 220, Madison, WI 53719, (608) 277-8071

British Open Courses

Developed to work with Accolade's MEAN 18 golf simulation. Package contains five different courses: Carnoustie; Royal St. George's (Sandwich); Royal Birkdale; The Honorable Company of Edinburgh Golfers (Muirfield); Royal Lytham and St. Annes. Forty-three opens! \$10.00
Moonlight Development, 329 Shoreline Place, Decatur, IL 62521

Bubble Bobble

These are two hungry Dino-Mights and they've got bubble fight'n fun down tight. You and your brontosaurus buddies, Bub and Bob, are up to your brows in bubble trouble. You've got to battle battalions of bullies by blowing and bursting billions of bubbles. It's a fast-paced bubble banquet through over 100 screens of slap-happy suds. \$34.95

Taito Software, Inc., 267 West Esplanade, N. Vancouver, B.C., Canada V7M 1A5, (604) 984-3344

Bubble Ghost

Help a mischievous spook guide a bubble through 36 rooms, catacombs, obstacles, and traps \$19.95
Accolade, 550 S. Winchester Blvd. Ste. 200, San Jose, CA 95128, (408) 985-1700

◆ Buck Rogers: Countdown to Doomsday

Buck Rogers, a science fiction role-playing game, is set in the 25th century, just after the Martian Wars. Guide your NEO team to ensure Earth's survival while, on Mars, RAM is an angry and vengeful corporate state intent on reconquering or destroying Earth. Your party of six player-characters (and up to two non-player characters) can engage in planetary or space combat. \$49.95
Strategic Simulations, Inc., 675 Almanor Avenue, Sunnyvale, CA 94086-2901, (408) 737-6800

Budokan

Welcome to Tobio Ryu Dojo. The journey of a thousand steps begins here. What will impress you most on your journey? Will it be the fluid character animation that makes Budokan the most elegant and realistic game ever created? Or will it be the hard training you endure in the authentic arts of Kendo, Bo, Nunchaku, and Karate? Or will the 12 black belt opponents at Budokan, with their amazing cunning and talent, etch deepest in your mind? Walk the path of the warrior in Budokan and let everything impress you. \$49.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

CHRONOQUEST II

Following on the adventure game Chronoquest—a frantic race through time in the fantastic Time Machine Explora to find your father's murderer—you have now accomplished your task and are about to return to your family chateau, 1922. Explora is still there, but does this technological wonder invented by an old scientist at the beginning of the 20th Century have enough fuel to take you back to your origins? Catapulted into the world of the unknown, you are going to have to use every last bit of intelligence to survive the

trials that await you. There's more than your life at stake as you cross the paths of some of history's most seductive (and deadly) damsels, fearsome beasts, temperamental Gods, and naughty heroes. \$49.99

Psygnosis Limited, 29 St. Mary's Court, Brookline, MA 02146, (617) 731-3553

CODENAME: ICE MAN

Your mission (should you choose to accept): rescue an American ambassador from a group of fanatical terrorists. If you are up to the challenge, then step forward and join the global action of CODENAME: ICE MAN, a new genre of Adventure/Simulation Game from Sierra. ICEMAN allows you to experience a futuristic nuclear attack submarine simulator. Guide this advanced stealth sub across the globe and into combat with enemy warships. New enhancements of SCI produce a very authentic simulation. An optional mouse works the gauges and steering wheel in the submarine; an improved parser provides a much more life-like feel to the action. As Johnny Westland, a member of an elite U.S. Navy SEALs (Sea, Air, Land) commando team, you must travel undetected, via a state-of-the-art nuclear attack submarine, to rescue the ambassador and time is running out! Requires 1MB. \$59.95

Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 326-6654 orders

◆ Cadaver

The player is cast as a medieval adventurer named Karadoc whose task is to track down and kill a mass murderer. The action begins at the entrance of a large rambling castle named Wulf. Mystery, monsters, and action await players who dare to face the challenge. Castle Wulf has five levels, each with 70 rooms. There are a multitude of trap doors, dungeons, pits, and secret passage ways. Available Fall 1991. Price TBA.

Arena Entertainment, division of Spectrum Holobyte, 2061 Challenger Drive, Alameda, CA 94501, (415) 522-3584

California Challenge

Scenery add-on disk for The Duel. \$21.95
Accolade, 550 S. Winchester Blvd. Ste. 200, San Jose, CA 95128, (408) 985-1700

California Games

Play for a big-name sponsor as you surf, skateboard, roller-skate, and BMX-race through California. Specially-marked game boxes give you a chance to win T-shirts, skateboards, watches, keyboards, sunshades, flying disks, and jet skis! \$29.95

EPYX, 600 Allerton Ave., Redwood City, CA 94063, (415) 368-3200

◆ California Games II

Experience the thrill of five new exciting events: Hang gliding, Jet surfing, Snowboarding, Bodyboarding, and Skateboarding. \$49.95
EPYX, 600 Allerton Ave., Redwood City, CA 94063, (415) 368-3200

Capone

Action and adventure in Chicago's 1920s. Use your machine gun to beat the gangsters. Live up the action with The Phaser, a real light gun sold separately. \$39.95

Actionware, 38 W. 255 Deerpath Rd., Batavia, IL 60510, (800) 848-2333

Captain Fizz Meets The Blaster-Trons

You and a friend will put your minds together to figure out the tactics that will get both of you through the game's 20 fiendishly compulsive levels. Don't be surprised if you can't tear yourselves away! While there's no shortage of alien blasting in this game, it's only there to give you and your partner the breathing space to work out what on earth to do next, as who's got the guts to sacrifice his life for the greater good of the game...and who knows, you may even get close to winning. \$29.95

Psygnosis Limited, 29 St. Mary's Court, Brookline, MA 02146, (617) 731-3553

Carlos Monte's 7-Card Noopekie

Feel like you're on the boardwalk while brushing up on this poker-style casino game. \$19.95
Erisian Software Products, 132 Cedar Dunes, New Smyrna Beach, FL 32069, (904) 423-3949

Carlos Monte's Blackjack/Solitaire

Beat the dealer in do-or-die blackjack or solo a round of solitaire. \$29.95
Erisian Software Products, 132 Cedar Dunes, New Smyrna Beach, FL 32069, (904) 423-3949

Carlos Monte's High-Rolling Craps

For the gambler, complete the Carlos Monte collection with full craps rules and all casino options. \$19.95
Erisian Software Products, 132 Cedar Dunes, New Smyrna Beach, FL 32069, (904) 423-3949

Carthage

Strategy and arcade action superbly combined to give you a taste of ancient history so real you can almost smell the elephants. As Carthaginian leader, you must repel the Roman invasion by skillfully executing the right strategy to move and resupply your armies and deploy them for battle. As warrior, you must battle your way against Roman legionnaires in a unique hair-raising first person perspective chariot race to deliver supplies and money to your beleaguered troops. Carthage features a unique new fractal landscape-generation technology that re-creates the North African landscape in historically and geographically accurate details allowing you to zoom in on specific locations for troop placements and battle sequences. \$44.99

Psygnosis Limited, 29 St. Mary's Court, Brookline, MA 02146, (617) 731-3553

Casino Fever

Play and learn craps, roulette, blackjack, and poker. Online help in craps and roulette. Mouse driven interface, Vegas odds. Works on any Amiga. \$39.95
Mindscape, A Software Toolworks company, 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

◆ Castles

Castles will allow players to experience for themselves what it was like to design, build, defend, and manage their own dream castle. Decide on the kind of gatehouse, how peasants should be worked and taxed, and whether or not to get involved in quarrels between the church and state. Castles features 256-color graphics, musical score, full soundboard support, three levels of difficulty, individual or eight castle campaigns, and realistic or magical settings. Available in September. Price TBA.

Interplay Productions, 3710 S. Susan, Ste. 100, Santa Ana, CA 92704, (714) 549-9001

Castlevania

Fight ghosts, goblins, demons, wolves, and bats, all thirsty for your blood. Go up against Count Dracula as he goes for your jugular. For one player only. Joystick controlled. \$19.95

Konami, Inc., 900 DeerField Parkway, Buffalo Grove, IL 60089-4510, (708) 215-5111 support

Centerfold Squares

Adult-oriented game with digitized graphics. Play against one of eleven centerfold opponents to uncover strategically positioned squares. Different skill levels from easy to nearly impossible. Graphics digitized using a proprietary process that combines the best features of modern scanning technology with the artist's finishing touches. \$29.95

Artworx, 1844 Penfield Rd., Penfield, NY 14526, (800) 828-6573

◆ Centurion: Defender of Rome

Lead your legions into battle and exploration at the very edge of known civilization. Participate in colorful displays of clashing gladiators and rushing chariots. Or test your diplomatic skills against the likes of Hadrian, Hannibal, and the beautiful Cleopatra.

Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

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Last Minute Additions

◆ Chamber of the Sci-Mutant Priestess

Psychic powers are the key to this adventure—a thrilling, intricate puzzle that will challenge and entertain you. Battle the mutant Protozorks for the highest of stakes: the life of your lady love and the future of your planet. This game provides beautiful animation, an advanced yet easy-to-use icon interface, and a sophisticated plot. \$49.95
Data East USA, Inc., 1850 Little Orchard Street, San Jose, CA 95125, (408) 286-7080

Champions of Krynn

Champions of Krynn is the first AD&D fantasy role-playing computer game to be set in TSR, Inc.'s most popular AD&D game world, the DRAGONLACE® world. The player guides a party of characters (up to six player characters and two non-player characters) through a web of intrigue and combat. Player characters include kenders and Knights of Solamnia as well as most races and classes of characters from the best-selling DRAGONLACE novels—Tanis, Tasselhoff and Caramon—as they struggle to overcome the forces of evil. New features include five different difficulty levels, moons with phases, and gods that grant special abilities to their clerics. A special four-color poster featuring an original TSR painting is also included in the game. \$12.95
Strategic Simulations, Inc., 675 Almaden Avenue, Sunnyvale, CA 94086-2901, (408) 737-6800

Chaos Strikes Back

Dungeon Master players everywhere are waiting to take on their arch-rival in Chaos Strikes Back. \$39.95
FTL Games, 6160 Lusk Blvd. C-206, San Diego, CA 92121, (619) 453-5711

Checked Flag Rally

One or two player, overhead view, and 48 directional scrolling in 32 colors! Pushing the Amiga to its maximum. Checked Flag Rally achieves 55+ frames of animation per second. Race on one of 10 courses, each so large that it takes at least four minutes to complete just one lap! \$44.95
Realism Entertainment, 6 N 522 Pine, Bensenville, IL 60106, (708) 595-7487

◆ Checkmate

Checkmate is the strongest computer chess program on the market. It has an opening library of over 300,000 moves, learns as it plays by adding strong moves to its library, and is rated in the candidate master category. Requires 512K. \$54.95
Interplay Productions, 3710 S. Susan, Ste. 100, Santa Ana, CA 92704, (714) 549-9001

◆ Chip's Challenge

Over 140 levels of puzzle-solving action challenging the user's imagination while captivating the player with suspense of what challenge lies ahead. \$39.95
EPYX, 600 Allerton Ave., Redwood City, CA 94063, (415) 368-3200

Chrono-Quest

Your quest begins in your father's chateau circa 1920, where you find his latest invention: a fantastic time machine. You are the prime suspect of your father's murder, but a letter from him leads you to think he has escaped into the future. You must find fragments of a magnetic card needed to drive the machine home. Brilliant graphics, full icon control, three disks. \$49.95
Psygnosis Limited, 29 St. Mary's Court, Brookline, MA 02146, (617) 731-3553

◆ Chuck Yeager's Advanced Flight Trainer V2.0

Experience white knuckle flying thrills with this new version of the best selling hit. Show your stuff in 18 different aircraft, each with accurate aerodynamics and realistic 3-D graphics. Fly formation with the Blue Angels and Thunderbirds or race six new courses. As a special bonus, Chuck Yeager personally guides you through AFT on the Flying Insights audio tape included in every package.
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Classic American Courses

Developed to work with Accolade's MEAN 18 golf simulation. Package contains five different courses: Seminole (Palm Beach, FL); Pine Valley (Clementon, NJ), ranked No. 1 in America; Spyglass Hill (Pebble Beach, CA); The National Golf Links of America (Long Island, NY); and Cherry Hills (Denver, CO). \$10.00
Moonlight Development, 329 Shoreline Place, Decatur, IL 62521

◆ Classic Board Games

Whether you're in the mood for an enthralling game of Chess, have the hankering for a good old-fashioned game of Checkers, or prefer a rousing game of Backgammon, you'll be able to test your skills against the computer, or against another human. Three difficulty levels will give you a challenging and entertaining match. See CDTV section also. \$29.95
Merit Software, Inc., 13635 Gamma Road, Dallas, TX 75244, (214) 385-2353

Clever & Smart

Join the fun with the bumbling detective characters from Germany's most popular comic strip. They're on a mission of a lifetime trying to find the kidnapped Dr. Bacterius. Incredibly tricky program of strategy as these zany characters fall in and out of trouble and mischief. Package also includes The Crimes, a newspaper filled with clues that will help you solve the mysterious crimes. \$34.95
DigiTek Software, 8910 N. Dale Mabry Executive Center, Tampa, FL 33614, (813) 933-8023

◆ Clown-O-Mania

You are Beppo the Clown in a quest to find the land of a thousand crystals. Features: 70 levels full of riddles and tasks, 3-D screen construction and soft-scrolling in all directions, hilarious upside-down play, great music during game play to accompany the fun, lots of enemies and surprises. Use razor blades, blocking pyramids, jumpers, trampolines, funnels, teletransporters to escape the nasties; collect energy boxes and life-giving clown masks. Beware of acid holes, fast enemies and one-way streets. Solve color and number riddles to gain extra points. \$34.95
DigiTek Software, 8910 N. Dale Mabry Executive Center, Tampa, FL 33614, (813) 933-8023

◆ Clue Master Detective

Play your favorite game of criminal detection with friends against the computer, or with a mixture of both. Enjoy the enhancements the computer can bring to the game play, such as graphic animation and sound. Clue Master Detective has more than ever before to exercise your little gray cells—more suspects, more possible murder locations, more weapons—in fact, more mayhem! \$39.99
Virgin Mastertronic International, 18001 Cowan Street, Ste. A & B, Irvine, CA 92714, (714) 833-8710

College League Option Module

Select one of the top 64 college teams in the nation to lead through the annual Championship Tournaments with SportTime's newly released College League module. Play with the actual teams, players, and stats from the 1989 college basketball season. Each team is unique, so the final outcome of any tournament will depend upon the player's coaching and gaming skills. The 1990 season disk is now available. \$14.95
SportTime Computer Software, 3941-E So. Bristol St. Ste. 551, Santa Ana, CA 92704, (714) 966-0207

Colossus Chess X

This program offers exceptional graphics, four different sets of chess pieces, complete control over screen orientation (view board from any angle), six playing modes. A unique feature is its ability to learn new lines of play based on its experience playing against opponents. \$34.95
Artworx, 1844 Penfield Rd., Penfield, NY 14526, (800) 828-6573

Combat Course

Get out those fatigues— you've just been drafted into a top-secret training camp for the military elite. Test your skill and endurance in four fast-paced training levels, then build your own obstacle course for the ultimate challenge. \$39.95
Mindscape, A Software Toolworks company, 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

Commissioner's Disk

For use with Earl Weaver Baseball and Season Data Disks, the Commissioner's Disk provides players with complete control of any baseball league imaginable. A sophisticated tool for managing league baseball, players may use it independently for real-life leagues, from Little League to softball leagues. Become General Manager, as players may draft and schedule a league, hire free agents, update player and team files, and trade up to five players at a time while attempting to operate a successful league. Player rosters and league schedules may be customized and printed once a team has been organized. Players accumulate statistics, view league stats by batting average, slugging percentage, pitching performance, and player position. Players may design their own ballpark or redesign the classics. \$19.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Conquests of Camelot

A tale that has been told through the centuries will soon become a Sierra 3-D animated adventure game. From the highest rampart of Camelot, to the Holy Land, across storm-tossed seas, Conquests of Camelot will take you in search of the Holy Grail, a search determining your will, your faith, and your physical prowess. Holding true to the mythical Celtic legend, all of your favorites are here with graphics and sound that bring new life to a tale often told: King Arthur, Gwenhyver, Sir Lancelot, and Merlin, who knows all. In simulated combat, you will wield Excalibur, the sword of Kings, and joust from horseback, as you journey to find the lost Grail. Call company for details. Requires 1 MB. \$59.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 326-6654 orders

Cosmic Relief

Find Professor K.K. Renegade, the only man who can save the Earth from asteroid devastation. Direct one of five explorers over caverns, across a tightrope, even over the clouds on a vacuum cleaner as you try to find the Earth's only hope. Use tools you find along the way to help in your quest. Humorous graphics and stereo soundtrack. \$34.95
DataSoft, Distributed by Electronic Arts, (800) 245-4525

◆ Court Side College Basketball

Statistical simulation of College basketball. Includes a stats compiler and 356 teams. \$39.99
Data Innovations Inc., 127 N. Front St., Rising Sun, IN 47040, (812) 438-3733

Courtroom

You select the case (robbery, embezzlement, etc.), select the type of judge (liberal, conservative, etc.) and play the prosecutor or defense attorney in this legal affairs drama. Review statements and material evidence, select witnesses, and convince a majority of the jury to win the case. \$49.95
FairBrother & SoeparMann, 5054 S. 22nd Street, Arlington, VA 22206, (703) 820-1954

Craps Academy

Learn the mysteries of the craps table in the privacy of your own home. Graphics and special effects teach you the rules of the game. A four-player table allows five friends to play at once using animated dice with scrolling table, complete glossary of buzz words, instant recap of recent game, and player stats. \$24.95
Microillusions, P.O. Box 3475, Granada Hills, CA 91394, (818) 785-7345

Crazy Cars

Race in The American Cross Country Prestige Cars Race, the world's craziest race. Over six tracks cover the U.S. in 72 stages. Complete the race before time runs out and get a faster car. Start with a Mercedes 560 SEC, then a Porsche 911 Turbo. Work up to a Lamborghini Countach, and if you're good enough, a Ferrari GTO. \$39.95
Titus Software Corporation, 20432 Corisco St., Chatsworth, CA 91311, (818) 709-3693

Creature

Distress calls received from deep space report hostile alien life forms, and you are the only space security captain within range. Will your light phaser (sold separately by Actionware) be enough to stop the aliens? And what of the rumors describing an unstoppable beast that lurks within the walls of the space station? This may turn out to be your worst nightmare, for it is... Creature! Also uses mouse. \$39.95
Actionware, 38 W. 255 Deerpath Rd., Batavia, IL 60510, (800) 848-2333

Cribbage King / Gin King

Two brilliant card game programs in one package! Gin King will astound you with its stunning full-color high resolution graphics and challenging play. Cribbage is one of the world's oldest and most popular card games. Now with Cribbage King you can play cribbage like a king! Package includes free cribbage board and a deck of Bicycle playing cards. \$59.95
Software Toolworks, The , 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

Cross-Links

A word-find game that allows players to use their own words to build puzzles. Fun for ages 7 to 70. \$40.00
Poco Loco, 3322 Rte. 9G, Tivoli, NY 12583, (914) 757-4261

◆ Curse of the Azure Bonds

Ambushed, captured, and knocked unconscious, you awake with no idea who attacked you or how you arrived in Tilverton. The mystical power of the azure symbols ensnares your will like metal bonds. When the bonds glow, you must do as they command. Your only hope is to search the Forgotten Realms for members of the alliance who created the bonds and regain control of your own destiny. This exciting sequel to Pool of Radiance lets you transfer characters from Pool and Hillsfar. Features include new player character types, high-level advancement, deadly new monsters, and over 24 new spells. \$49.95
Strategic Simulations, Inc., 675 Almar Avenue, Sunnyvale, CA 94086-2901, (408) 737-6800

D.R.A.G.O.N. Force

This individual-level combat simulation puts you in command of an elite anti-terrorist strike force assigned to a series of top-secret missions around the world. D.R.A.G.O.N. Force is a top-secret team of 14 soldiers with individual combat specialties and attribute levels. As commander, you select the seven best men for each mission, based on information in classified dossiers. You also choose the most effective weaponry for each team member from a selection of 16 modern combat weapons. D.R.A.G.O.N. Force features 12 different missions, each designed to challenge you with unique locations and terrain, combat conditions, enemy activity, and objectives. Assignments include rescuing hostages, raiding a cocaine lab, even freeing captured teammates from a P.O.W. camp. Missions can also be run as training exercises. \$49.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

DARK CENTURY

A gang of extremely dangerous convicts is trying to escape from the federal prison planet. If the gang of prisoners succeeds in reaching Earth, who knows what can happen? Your mission

(Codename: Survival Edge) is to capture the convicts while they are still on the planet, but first you must neutralize the ultra-sophisticated tanks which they have stolen and are using in their escape attempt. You are in command of the pursuit tank squad. Your tanks are all equipped with the latest in detection devices and technology. Be the ultimate strategist, and lead your team in defeating the bloodthirsty convicts. Get ready for the fight of your life and remember—show no mercy! \$44.95
Titus Software Corporation, 20432 Corisco St., Chatsworth, CA 91311, (818) 709-3693

DUCKTALES: The Quest for the Gold

In six different games, at three ability levels, you will search for the world's rarest treasures in a variety of exotic places. One of the first things to learn, however, is how to keep and send secrets by using secret messages. The control center in Scrooge's office is protected by Gyro Gearloose's Super Anti-Spy Security System, preventing Glomgold's henchmen, the Beagle boys, from stealing Scrooge's business secrets. The map of Scrooge's worldwide operations can be seen by using the Secret Code Sheet to decode the control center's secret password. \$44.95
Walt Disney Computer Software, Inc., 500 S. Buena Vista Street, Burbank, CA 91521, (818) 567-5360

Daily Double Horse Racing

Spend a day at the race track with a full card of ten races. Check your racing form, handicap the races, taking into account the horse, jockey, and track conditions. Then place your bets and watch the action of the race in 3-D scrolling graphics. \$29.95
Artworx, 1844 Penfield Rd., Penfield, NY 14526, (800) 828-6573

Damocles

Paul Woakes, one of Europe's best-known programmers, has created an ingenious and challenging real time 3-D adventure. Interactive gameplay allows users to capture 3-D objects and relocate them at will. Player-operated explosives give very graphic results. Use too much explosive and you'll blow yourself up! Features include: Frequent day/night changes with dynamic views of sun/moon/planet risings and settings, 37 city sites, 3000 multi-room buildings and over 200 movable gameplay objects. Buying and selling of objects lends an interesting twist to the game. \$24.95
Media Technology Limited, 15235 Shady Grove Road, Ste. 100, Rockville, MD 20850, (301) 926-8300

Dark Castle

Conquer numerous perils and defeat the Black Knight in the Castle of Doom. Search the castle's halls; but watch out for the bats, rats, vultures, mutants, magic brooms, and whip and rock wielding henchmen. Fourteen levels of increasing difficulty. Animated color graphics and digitized sound effects. \$44.95
Three-Sixty, Inc., 2105 S. Bascom Ave., Ste. 290, Campbell, CA 95008, (408) 879-9144

◆ Darkspyre

Rising from the ashen soil of the Valley of Tears, Darkspyre tower spirals toward the heavens. Angered by the failures of the people they created, the Gods of the Three Ways—War, Magic, and Intellect—built the granite monolith as a final test of mankind's worthiness to exist. The gods decreed that all would perish in a rain of fire and lightning unless a champion was able to overcome the trials of Darkspyre within 2000 years. Most of those years have passed, and even the great warrior Borel was unable to complete the quest. You are the last to enter Darkspyre.
Electronic Zoo, 3431-A Benson Ave., Baltimore, MD 21227, (301) 646-5031

◆ Das Boots

Das Boots, based on actual accounts of Peter Cramer, technical source for the movie, captivates the player with a visual panorama unlike

any other seen in submarine simulations. Sound, music, and historical perspective combine with state-of-the-art graphics to make this an intense and action packed simulation. 32 color and digitized sound. \$49.95
Three-Sixty, Inc., 2105 S. Bascom Ave., Ste. 290, Campbell, CA 95008, (408) 879-9144

Datastorm by Visionary Limited

The explosion of the planet Xerxes has plunged its eight orbiting colonies into deep space. Forced to rebuild, they are seeking out a new home planet. You must guide and protect the eight survival pods through their dangerous voyage and lead them to sanctuary. Fight up to 128 intelligent enemies simultaneously, three skill levels. Special powers include: shields, smartbombs, and cloaking devices. \$39.95
Media Technology Limited, 15235 Shady Grove Road, Ste. 100, Rockville, MD 20850, (301) 926-8300

Day of the Viper

A galactic action-adventure in which players direct a powerful attack android in the rescue of a defense installation seized. \$49.95
Accolade, 550 S. Winchester Blvd. Ste. 200, San Jose, CA 95128, (408) 985-1700

◆ Days of Thunder

Better buckle up, you're about to experience all the engine-roaring, tire-screaming stock car action of the movie Days of Thunder. This heart-pounding adventure features the challenge of eight incredible races on a variety of totally hot tracks. Choose a car, then customize it for maximum speed and handling on the course.
Software Toolworks, The , 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

DeathBringer

Travel across a vast wilderness. Explore hidden forests, dark castles, forbidden towers and secret temples. Much lies concealed just beyond your view. Become the leather-skinned barbarian who ventures to save Mezzon from certain destruction. Unless you find the whereabouts of the magical gems before Azazel the DeathBringer does, his powers will be unstoppable! \$39.95
Cinemaware Corporation, 4165 Thousand Oaks Blvd., Westlake Village, CA 91362, (805) 495-6515

◆ Deep Sky Objects Expansion

Deep Sky Object shows 213 scanned observatory images of galaxies, nebulae, and star clusters. Most of the objects from the Messier Star Catalog are included, as well as over 1200 NGC (New General Catalog) objects. Point and click to an obscure pinprick of a star and see a detailed photograph of how it looks to professional astronomers using high-powered visual instruments. Black and white images displayed in a box similar to telescope mode in Distant Suns. Installable on hard disk. \$30.00
Virtual Reality Laboratories, Inc., 2341 Canador Court, San Luis Obispo, CA 93401, (805) 545-8515

Defcon-5

Strategy is the key to survival. Authentic SDI 'Star Wars,' computer simulation. Using realistic military commands, you are in control of our Star Wars space based defense system. Orbit laser neutral particle beam emitters. Electromagnetic launchers and nuclear posts. Control surveillance system and destroy missiles from eastern enemies before they destroy the Earth. Great graphics and real-time action. \$39.95
Cosmi Corporation, 431 N. Figueroa St., Wilmington, CA 90744, (213) 835-9687

Defender of the Crown

The age of chivalry! A time of lusty wenches and black-hearted villains. The King has been murdered and England thrown into civil war! Amidst the ringing clash of steel and the thunder of charging steeds, the bold Saxon knights have chosen you to lead them in battle against the

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hated Normans. Victory will not come easy. To save England, your skills as swordsman and military leader will be severely tested. But should you succeed, you'll win the Crown of England and the love of many a beautiful damsel! \$49.95
Cinemaware Corporation, 4165 Thousand Oaks Blvd., Westlake Village, CA 91362, (805) 495-6515

Deja Vu II: Lost in Las Vegas
From the creators of *Deja Vu*, *Uninvited* and *Shadowgate* comes this interactive graphic adventure game. You've been abducted by two thugs from Chicago, knocked senseless, and if you don't come up with 100,000 in seven days, your number is up! \$49.95
Mindscape, A Software Toolworks company, 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

Deja Vu: A Nightmare Comes True
This is the first all-graphic adventure game from ICOM Simulations. You wake up with a bout of amnesia and quickly realize that you're being framed for murder. You'll feel as if you're in a 1940s film as you gather clues to clear your name. \$49.95
Mindscape, A Software Toolworks company, 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

Demon's Winter
A fantasy role-playing game set in an immense, highly detailed world that promises days of discovery, adventure, and excitement. The five characters that make up your party can be Humans, Dwarves, Elves, or Dark Elves—each rated for speed, strength, intellect, endurance, and skill (qualities that increase as the game progresses). Although Malifon is trapped inside a volcano, he is far from powerless. Gathering all his energy, he casts a spell so mighty that the entire world was thrown into a deep, frigid winter. You must search the lands and seas for the spells needed to trap Malifon forever and undo his curse. \$29.95
Strategic Simulations, Inc., 675 Almanor Avenue, Sunnyvale, CA 94086-2901, (408) 737-6800

Denaris by Hard Wired
Throughout time, Man has been a victim of his own intelligence and his insatiable thirst for knowledge. The planet Denaris is a horrifying example. Scientists created Machines which became so sophisticated they no longer depended on man, so began a rule of tyranny. The Denarian people tried in vain to destroy the Machines with a mighty ballistic missile, but from the ashes of the nuclear fires the Machines rose up more powerful than ever. Trapped in an underground stronghold, now the Denarians only hope for freedom is the DS-H75 Eagle Fighter, an ultra refined space glider. Control the Eagle Fighter in this epic crusade against evil... and win freedom at last for Denaris. \$39.95
Gold Disk, Inc., 5155 Spectrum Way, Unit 5, Mississauga, Ontario, Canada L4W 5A1, (416) 602-4000

Desert Storm Scenario
Add on scenario for USM II simulates operation Desert Storm right down to the Scud missiles being intercepted by Patriots. Includes the Desert Shield Fact Book with a 22-inch by 31-inch full-color map. Requires 1MB. \$29.95
Intergalactic Development, Inc., 1427 Washington St., Davenport, IA 52804, (319) 323-5293

Destroyer
WWII in the Pacific on a U.S. naval destroyer. Manage the entire ship, or man a single station. Torpedoes, anti-aircraft guns, depth charges, more. \$19.95
EPYX, 600 Allerton Ave., Redwood City, CA 94063, (415) 368-3200

◆ **Dick Tracy**
Disney has crafted a computer game with the unique blend of 1940's radio theater and comic book graphics to produce a strategy game that defies categories. As Dick Tracy, players try to

clean-up a metropolis overrun with sinister gangsters. Get the dope on crimes and try to get the goods on Big Boy Caprice. Dozens of randomly generated crimes will challenge players to race to the scene of the crime, look for clues, and interrogate suspects. Dick Tracy also supports the Sound Source with digitized voice, fully-orchestrated music, and sound effects. Available for Amiga computers in June 1991. \$49.95
Walt Disney Computer Software, Inc., 500 S. Buena Vista Street, Burbank, CA 91521, (818) 567-5360

DinoWars
Play this interactive strategy with fully-animated arcade sequences and a complete encyclopedia. Join forces in two opposing armies featuring eight of the best known dinosaurs of the prehistoric era. Choice of five different board setups. A multiple-disk package. \$39.95
DigiTek Software, 8910 N. Dale Mabry Executive Center, Tampa, FL 33614, (813) 933-8023

Distant Armies
The playing history of chess. Includes 10 forms of chess, each programmed with its own board, pieces, and rules. Several levels with two- and three-dimensional views; extensive on-line description of each game's history and rules. Includes Chaturanga, Chinese Chess, Burmese Chess, Shatranj, Byzantine Chess, Medieval Chess, Courier, Turkish Chess, Decimal Chess, and Maniac. \$44.95
Eagle Tree Software, P. O. Box 164, Hopewell, VA 23860, (804) 452-0623

Distant Suns
Version III of the award winning Galileo planetarium simulation. Distant Suns won the '88 CES (Computer Electronics Show) award for the most innovative educational product and Amazing Computing's best educational product for '89. Distant Suns turns your Amiga into a planetarium. The sky can be viewed from any place on Earth or from the North Pole lying on your back looking upward in planetarium mode. The program accurately replays 10,000 years of what the sky looked like and it projects 10,000 years into the future. It is a very beautiful and realistic color simulation of the sky created by R. Mike Smithwick, a NASA astronomer, and published by Virtual Reality Laboratories. Galileo (now Distant Suns) is fun, in addition to being powerful and visually stunning. Requires 512K. 2.0 compatible. Requires 512K NTSC; 1meg PAL. \$69.95
Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515

Dominoes
Classic board game with 3-D graphics. Easy to learn, hard to win. \$12.95
Polyglot Software, 884 W. Melrose Lane, Boise, ID 83706, (208) 336-4583

Double Dragon II: The Revenge
Twin brothers Billy and Jimmy Lee must join in deadly combat with the savage Black Warriors to free Billy's girl Marion. Using martial arts expertise and whatever weapons they can grab, Billy and Jimmy pursue the gang to the secret lair of the Shadow Boss for a final confrontation. \$39.99
Virgin Mastertronic International, 18001 Cowan Street, Ste. A & B, Irvine, CA 92714, (714) 833-8710

Double Dribble
The ball is in your court, and it's time for a little five on five. You know every trick in the book; but so does your opponent. He'll match you man for man, move for move. Slams, steals, switching defenses, and fast breaks—the clock is ticking, the coach is screaming, the pressure's on. Will it be in the hoop...or in your face? Features simultaneous play for two players or one player against the computer. Joystick controlled. \$19.95
Konami, Inc., 900 Deerfield Parkway, Buffalo Grove, IL 60089-4510, (708) 215-5111 support

Downhill Challenge
Ski-racing simulation allows players to compete in downhill, slalom, giant slalom, and jumping events. Three levels; 3-D animation. \$29.95
Broderbund Software Inc., 17 Paul Drive, San Rafael, CA 94903, (800) 527-6263

Dr. Doom's Revenge
An interactive comic book. State-of-the-art full-screen comic book pages, drawn in dazzling color and featuring the authentic Marvel look. Each page of the game shows Spidey and Cap's progress through Doom's castle. Over 30 challenging arcade sequences give you control of Spiderman and Captain America as they battle Dr. Doom and his super villains. \$39.95
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (301) 771-1151

Dr. Plummet's House of Flux
More than a run-of-the-mill gravity game. It is 28 screens of the most bizarre, humorous, and frustrating challenges in the universe, spread over four selectable missions, each one more difficult than the last. It's fighting aliens and twisted, unpredictable forces of Dr. Plummet's fortress. But best of all, it's the most entertaining way to turn off those overworked brain cells for a while. \$34.95
MicroIllusions, P.O. Box 3475, Granada Hills, CA 91394, (818) 785-7345

Dragon Lord
Enter a fantasy world of magic, dragons and feudal warfare. As Dragon Lord, breed and train a fighting force of dragons; blend spellcasting potions in your magic lab; and wreak havoc against all who oppose you. If you become the first of the three lords to piece together the magic talisman, you will achieve the ultimate prize—immortality! Requires 1MB RAM. \$49.95
Cinemaware Corporation, 4165 Thousand Oaks Blvd., Westlake Village, CA 91362, (805) 495-6515

Dragon Wars
Fantasy role-playing in an island world. Players must escape from prison, find out why magic has been banned on the planet, and prevent the unleashing of the dragons guarding the city-states. \$49.95
Interplay Productions, 3710 S. Susan, Ste. 100, Santa Ana, CA 92704, (714) 549-9001

◆ **Dragon's Lair II: Time Warp**
Dirk the Daring continues his adventure in the sequel to Don Bluth's animated adventure *Dragon's Lair* in *Dragon's Lair II: Time Warp*. Princess Daphne has been spirited away to a wrinkle in time by the evil Wizard Mordroc, who plans to force her into marriage and only you can rescue her. With the help of an aging time machine, you must defeat Mordroc or the princess will be lost forever in the Time Warp. \$59.95
ReadySoft, Inc., 30 Wertheim Court, Unit 2, Richmond Hill, Ontario, Canada L4B 1B9, (416) 731-4175

◆ **DragonStrike**
Feel the raw power of the mighty dragon surging beneath you as the wind beats against your face. The deadly skies above the AD&D DRAGONLANCE game world of Krynn explode before your very eyes. Learn to fly dragons and master over 20 different missions. Progress through three different orders of Solamnic Knighthood, gaining bigger, more powerful dragon mounts as you go. \$49.95
Strategic Simulations, Inc., 675 Almanor Avenue, Sunnyvale, CA 94086-2901, (408) 737-6800

Dragonscape
Dragonscape is the wackiest, fastest, toughest, most addictive fantasy shoot-'em-up to appear on the Amiga. Featuring 64-way scrolling, four multi-screen levels, a full musical soundtrack and 100 types of opponents, *Dragonscape* is fast, furious fun. \$39.95
Free Spirit Software, Inc., P. O. Box 128, 58 Noble St., Kutztown, PA 19530, (215) 683-5609

Dragon's Lair

The much-awaited arcade classic. Six digitized disks bring the coin-op laser legend to the Amiga. As Dirk the Daring, you'll try to rescue Princess Daphne from the evil Dragon, Singe. Requires 1MB RAM. \$59.95
ReadySoft, Inc., 30 Wertheim Court, Unit 2, Richmond Hill, Ontario, Canada L4B 1B9, (416) 731-4175

Drakkhen

The fate of the world rests on your shoulders. Sent to a strange volcanic island, you must overcome its dangers, capture the precious dragon jewels, and summon the all-powerful primordial dragon. Only then can you save your dying world. The characters you design move in 3-D real-time to a host of alluring and unique sound effects. \$59.95
Data East USA, Inc., 1850 Little Orchard Street, San Jose, CA 95125, (408) 286-7080

Dream Zone

Graphics adventure game set in the land of your dreams. A mad scientist's elixir has turned your dream world into a reality. It's up to you to call upon your logic, imagination, persistence, and sense of humor to locate and overcome the source of your nightmares. Over 100 exotic locales to explore while conversing with multitudes of people, animals, and things. Type simple English commands or click on objects to collect objects, seek clues, or invite company on your journey. \$49.95
Baudville, 5380 52nd St. SE, Grand Rapids, MI 49512, (616) 698-0888

Dungeon Master

Real-time dungeon exploration with 3-D view. Levels upon levels of monsters, puzzles, and more. Mouse-only interface. Quick reference answers manual available (see Books and Tapes section). \$39.95
FTL Games, 6160 Lusk Blvd. C-206, San Diego, CA 92121, (619) 453-5711

Dungeon Master Survival Kit

Dungeon Master Survival Kit includes maps, walk-thrus, spell list, and other vital information for Dungeon Master and Chaos Strikes Back. This kit also contains Custom Character Editors for both games. Requires 1MB. \$19.95
Elkon Enterprises, 4654 Mistletoe, Wichita Falls, TX 76308, (817) 691-0964

Dungeon Masters Assistant, Volume 1: Encounters

Dungeon Masters Assistant, Volume 1: Encounters is a utility program to be used with TSR, Inc.'s Advanced Dungeons & Dragons game. It is a great time-saver for Dungeon Masters (DM's). With thousands of separate encounters, monsters, and characters provided, it can reduce game prep time by several hours per session. \$29.95
Strategic Simulations, Inc., 675 Almanor Avenue, Sunnyvale, CA 94086-2901, (408) 737-6800

Earl Weaver Baseball

Baseball simulation game challenges your skill as a batter, pitcher, fielder, and manager. \$49.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Earl Weaver Baseball Data Disk

Statistics from 1986 major-league teams. \$19.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

EbonStar

Skill and strategy. Avoid satellites, armed drones, and the Warp, to destroy competitors by hurling them into the synthetic black hole. One to four players, 50 levels of complexity. Fast paced free-flowing graphics and animation are sure to keep you captivated! \$24.95
Microillusions, P.O. Box 3475, Granada Hills, CA 91394, (818) 785-7345

Echelon

True simulation puts you in control of the C104 and in the heart of the action. You operate the craft from inside the control room. As the top ISF pilot, you are in command of the C104 Tomahawk stationed in patrol zone 106. As the only patrol craft in the zone, you must fly daily reconnaissance missions. Search for artifacts and clues that reveal location of the space pirate stronghold. \$44.95
Access Software, Inc., 545 West 500 South St. 130, Bountiful, UT 84010, (800) 800-4880

Eco Phantoms

All that remains of life on Earth lies beneath the dome of the Eco Phantoms. Having entered a dome and hijacked an Eco zeppelin, you must become a skilled pilot in order to maintain your ship; navigate through the system of gulleys, and confront the dangerous and intriguing creations of the Eco Phantoms. Swift mastery of the code creator is also vital to your success. For areas inaccessible to your ship you have at your command a team of highly skilled robots. The mothership hangs menacingly above the Earth, awaiting the last shipment of your planet's remaining resources. Your aim is to destroy the Eco Phantoms' grip on the planet. The future of life on Earth is in your hands. \$39.95
Electronic Zoo, 3431-A Benson Ave., Baltimore, MD 21227, (301) 646-5031

Electric Jigsaw

Play with six to 294 pieces and never lose a single one. Just like working at the kitchen table, you can put groups of pieces together then move them to fit into the border pieces you've already assembled. The Electric Jigsaw combines the challenge of board jigsaws and the magic of computer animated graphics. Six different puzzles to choose from. \$19.95
Merit Software, Inc., 13635 Gamma Road, Dallas, TX 75244, (214) 385-2353

Eliminator

Space highway arcade game. \$34.95
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (301) 771-1151

Elvira, Mistress of the Dark

Featuring the sultry Elvira, the world's most famous spokesperson for ghouls and goblins, the game leads players on a ghostly and grisly role-playing adventure through a demon-filled medieval castle. Search for 'The Scroll of Spiritual Mastery' sealed in a chest bearing six different locks. You must find this before Elvira's relative, Queen Emelda, who recently rose from the dead. In your search you will cast spells using the book of magic spells while fighting off evil creatures. \$59.95
Accolade, 550 S. Winchester Blvd. Ste. 200, San Jose, CA 95128, (408) 985-1700

Empire

Stop the imperialistic Krellans from total domination of Alliance airspace in this strategic simulation that features global conflict, conquest, and empire building for one to three players. Begin with one city on a large unexplored planet and try to capture cities and build up a defense against the Krellans. Features air, land, and sea combat and a large arsenal of weapons. \$49.95
Interstel, Distributed by Electronic Arts, (800) 245-4525

Escape from Singe's Castle

Plunge further into the depths of the Dragon's Lair! Just when you finally rescued Daphne from Singe the Dragon, along comes his master, the Evil One, and steals her away again. Match wits with the new challenges that confront you as well as totally new encounters never before seen in the original Dragon's Lair®. Muster all your skill and cunning to free Daphne once again in the brilliant final battle deep within the cavernous dungeons beneath the Castle. Escape from Singe's Castle

installs on any hard drive, runs multitasking, and even links with the original Dragon's Lair to allow you the ultimate playing experience. \$44.95
Media Technology Limited, 15235 Shady Grove Road, Ste. 100, Rockville, MD 20850, (301) 926-8300

European Challenge

Scenery disk for The Duel. Journey through Germany, Switzerland, Holland, France, Spain, and Italy. \$19.95
Accolade, 550 S. Winchester Blvd. Ste. 200, San Jose, CA 95128, (408) 985-1700

Expedition

You're Braun the Explorer, venturing in an unknown ocean world. Recover the three sun spheres and save civilization. \$49.95
Interstel, Distributed by Electronic Arts, (800) 245-4525

Eye of Horus by Fanfare

Eye of Horus is an arcade, adventure game set in ancient Egypt, in which the player relives the ancient myth of Horus. As Horus, the player can transform from man-god to hawk at will in search of the missing pieces of his Father's body. However, somewhere in the confines of the tomb lies the awesome presence of your evil Uncle Set who wants to destroy you! \$39.95
Britannica Software, 345 Fourth Street, San Francisco, CA 94107, (800) 572-2272

Eye of the Beholder

Eye of the Beholder, the first graphically based AD & D computer FRP game, uses the mouse or keyboard and an easy point-and-click interface to pick up objects, move or throw them, to ready weapons, to cast spells, etc. In the Forgotten Realms city of Waterdeep, your party of four PC's and up to two NPC's have been hired by the City Council to discover the conspiracy hidden below the city. \$49.95
Strategic Simulations, Inc., 675 Almanor Avenue, Sunnyvale, CA 94086-2901, (408) 737-6800

F-19 Stealth Fighter

Features an advanced cockpit with two multi-purpose display screens, a radar scope and 3-D window viewing with a superimposed heads-up display (HUD). More than 30 separate controls are used to regulate flight, engage in combat and surveillance and maintain the plane's electromagnetic profile. Scenarios are based on missions Air Force pilots have flown in training or actual missions. The action moves at Mach speeds on missions in North Africa, Central Europe, the Persian Gulf, and the North Cape of Scandinavia. It provides a constant challenge for beginning and expert game players. The game features authentic, state-of-the-art weapons and threats with heat-seeking, radar-homing and video-guided missiles, plus laser-guided and free-fall bombs. \$69.95
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (301) 771-1151

F/A-18 Interceptor

Fly the F/A-18 Interceptor into combat to defend Air Force One. Includes six combat missions, free flight, and a training mission. In free flight mode, you can try to fly under the Golden Gate Bridge or over Alcatraz. Land on the U.S.S. Enterprise on a training run. Variety of weapons, 3-D graphics, real-time digital map, first person perspective, zoom function, ejection seat, and sound effects. Requires minimum 512K; 1 MB suggested. \$19.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

F40 Pursuit Simulator

At the wheel of the fabulous Ferrari F40, tear through four states in search of the quickest way to accomplish your mission. Plan your route carefully from the map of each state displayed on

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screen. It will show the actual byways that you can speed on. Your Ferrari features the latest radar, enabling you to detect police road blocks. Realistic 3-D road junctions, hills, and superb graphics. \$44.95
Titus Software Corporation, 20432 Corisco St., Chatsworth, CA 91311, (818) 709-3693

◆ Faces...Tris III

Faces...Tris presents players with the task of maneuvering and positioning falling pieces. The blocks represent different face segments, from chin to forehead, of famous and not-so-famous people. As various pieces fall randomly from the top of the screen, the challenge is to stack them in the correct order to form a face. Faces features ten levels of difficulty with different categories of faces for each level. To complicate the face building task, the blocks fall in pairs and move together left to right. The special customizing feature allows players to create and place new faces in the game using a separate paint program. \$39.95
Spectrum HoloByte, 2061 Challenger Drive, Alameda, CA 94501, (415) 522-3584

Faery Tale Adventure

Guide three brothers on a quest to save the land of Holm from the forces of night. Traverse caverns, mazes, forests, mountains, deserts, islands, castles, and more. Over 19,000 playable screens. 3-D overhead perspective lets you watch as goblins, skeletons, and ogres pursue the brothers. Music changes to foreshadow action, just like in the movies. Adjustable music and sound. \$49.95
Microillusions, P.O. Box 3475, Granada Hills, CA 91394, (818) 785-7345

Falcon

Become the pilot of a realistic but playable F-16 simulation. Controls, heads-up display, and radar conform to current avionics of the F-16A. Game includes twelve missions which vary from air to ground bombing runs to dogfighting up to three enemy MiGs at a time. The most outstanding feature is the ability to go head-to-head against an opponent on a second Amiga. Advance from 1st Lt. to Colonel with increasing abilities such as the Immelmann, yo-yo's, loops, and scissors. Incorporates real action sounds, including engine start-up, machine gun, missile launch. Four cockpit views and three tower views, zoom-in and zoom-out features. So realistic, Falcon is being used in a military aircrew training program. See CDTV section also. \$49.95
Spectrum HoloByte, 2061 Challenger Drive, Alameda, CA 94501, (415) 522-3584

◆ Falcon Mission Disk II: Firefight

Your mission: annihilate enemy tanks, trucks, MiGs, Hinds, pontoon bridges, and supply lines—fast! These 12 new heart-pounding missions are guaranteed to test the skill of even the most seasoned Falcon pilot. Wield new weapons and equipment. Air-to-air radar-guided missiles, high-speed anti-radiation missiles, and radar jammers. Achieve tank superiority, and you'll earn the Medal of Honor. \$29.95
Spectrum HoloByte, 2061 Challenger Drive, Alameda, CA 94501, (415) 522-3584

◆ Falcon Mission Disk: Counterstrike

Falcon Mission Disk gives you the incredible maneuverability and weaponry of your original Falcon F-16 simulation, plus a new set of missions with more enemy vehicles, new terrain, and improved graphics and playability. Your objective: total defeat of the enemy by destroying his industrial and ground assets, while protecting your base from attack. The enemy comes by land, sea and air; you'll have to dig deep into your bag of tricks to repel this attack. It's a whole new world of challenges with the Falcon Mission Disk. Expand your horizons as you go head-to-head with the latest in flight simulations. System requirements: Amiga, 512K RAM, KickStart 1.2 or above, one 3.5 disk drive, Monitor, and the original Falcon program in order to run Falcon Mission Disk. PAL compatible. \$24.95
Spectrum HoloByte, 2061 Challenger Drive, Alameda, CA 94501, (415) 522-3584

Famous Courses Disk Volume #1

Featuring Harbour Town, South Carolina; Sunningdale, London; Dorado Beach, Puerto Rico; and the most difficult and challenging course Pine Ridge. Each course features a scorecard printout, a top view, and an all new Punch feature which lowers the trajectory of the ball and assists in tree play. Requires World Class Leaderboard. \$19.95
Access Software, Inc., 545 West 500 South Ste. 130, Bountiful, UT 84010, (800) 800-4880

Famous European Courses

Developed to work with Accolade's MEAN 18 golf simulation. Package contains five different courses: Club de Golf Sotogrande, Spain; Chantilly, France; Falsterbo Golfklubb, Sweden; Club Zur Vahr, Germany; and Royal Liverpool (Hoylake), England. \$10.00
Moonlight Development, 329 Shoreline Place, Decatur, IL 62521

Fast Break

Three-on-three basketball with double-clutch, mid-air, off the glass animation. Go to the playbook for 15 offensive and five defensive pro-styles. Design your own plays with the exclusive Playmaker feature. View network television court perspective. \$14.95
Accolade, 550 S. Winchester Blvd. Ste. 200, San Jose, CA 95128, (408) 985-1700

Fast Eddie's Pool and Billiards

A realistic simulation of 14 top pool and billiard games with entertaining graphics and sound. Comes with everything but the pitcher of beer! \$34.95
Oxxi/Aegis, 1339 E. 28th Street, Long Beach, CA 90806, (213) 427-1227

Federation

Federation is a strategic space-trading and combat adventure with a built-in space flight simulator. Designed with a variable weapons system, complete with other ships, and a sophisticated shipboard computer, Federation is as close as it comes to experiencing an electrifying journey through space. Beginning with low risk tasks, such as delivering packages to distant planets, players work their way up from Space Courier to Admiral of the Space Federation as they tackle 15 increasingly difficult missions in a hostile universe. A game with 32,768 galaxies to explore, high-quality filled 3-D graphics, and a professional music soundtrack, Federation is an epic space adventure where time is endless, the universe boundless, and the future utterly terrifying. \$49.95
Cinemaware Corporation, 4165 Thousand Oaks Blvd., Westlake Village, CA 91362, (805) 495-6515

Femme Fatale

A digital puzzle for adults. Ten exquisite girls digitized in full color. Large, full screen images. Five difficulty levels (25, 40, 64, 80, and 100 pieces). Digitized feminine voice assistance. Load/Save game options, hints, undo, status. Choose from our superb library of Digitized Data Disks or use your own images. Entertaining and addictive. \$34.95
Graphic Expressions, P. O. Box 110028, Nutley, NJ 07110, (201) 661-0408

Fiendish Freddy's Big Top O' Fun

Take a satiric, twisted visit to the circus with this arcade-style game, which uses slapstick humor and superior cartoon-style animation. Take center ring on the trapeze or in five other events, but look out for Fiendish Freddy, the cynical circus saboteur who will thwart you at every turn. \$49.95
Mindscape, A Software Toolworks company, 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

Final Mission

Avoid enemies, collect objects. Dig and climb your way through 350 different levels. Dangerous mines, traps, and energy fields will push you to the limit. Excellent graphics, sound, and programming. \$29.95
DigiTek Software, 8910 N. Dale Mabry Executive Center, Tampa, FL 33614, (813) 933-8023

Fire Power

Arcade-style tank battle featuring one-to-one playability on splitscreens—against the computer, against a friend, or over the modem. Smooth scrolling graphics and animation give the game a realistic feel. Sound effects like tank engines, explosions, and helicopters keep you on your toes as you defend against the enemy and its helicopters. Rescue your troops and return them to the first aid stations. Multiple fields and random flag locations allow a variety of strategies. Three tanks to choose from. \$24.95
Microillusions, P.O. Box 3475, Granada Hills, CA 91394, (818) 785-7345

Fire and Forget

Earth is in turmoil and you must save it. You're the top commander of the Thunder Master, the world's ultimate fighting machine. Face three levels of six conflicts from guerilla to global war. Let Thunder Master's V-16 triple turbo engine and four-wheel drive speed you through enemy terrain. If you need help, radio to a partner. Let the commander of the magnetic levitation unit Thunder Cloud help you by manning the skies while you take the ground. \$39.95
Titus Software Corporation, 20432 Corisco St., Chatsworth, CA 91311, (818) 709-3693

Fire and Forget II

Mines, armoured crafts, bombers, jumpers, probes, and suckers will be your opponents. They are all different and use various combat techniques, but they have one common point, they are exterminators. The ability to fly will be your strength, but you will certainly need it to catch up to the head of the convoy before the fatal explosion. \$44.95
Titus Software Corporation, 20432 Corisco St., Chatsworth, CA 91311, (818) 709-3693

Flight Simulator II

Cessna 182 single-engine plane flight simulator. Over 120 airports, five scenery areas. Full instrumentation, many features. \$49.95
subLOGIC Corporation, 713 Edgebrook Drive, Champaign, IL 61820, (800) 637-4983

◆ Flight of the Intruder

Experience the harrowing danger of intense air combat over North Vietnam. Select from multiple missions or map out your own using the mission creator. Control up to eight aircraft during one mission. Switch from the A-6 to F-4 cockpit anytime. 34 different targets provide new challenges every time you take to the sky. 16 variables determine the difficulty level. Available in June 1991. \$59.95
Spectrum HoloByte, 2061 Challenger Drive, Alameda, CA 94501, (415) 522-3584

◆ Formula 1 Grand Prix

Six International Circuits. Five different cars. Six-speed gearboxes, lap records, and more. Up to three cars on the track at the same time. \$29.95
StarSoft Development Labs, 3500 Aloma Ave. #D-2, Winter Park, FL 32792, (407) 657-7553

Fright Night

You're Jerry Dandrige, and you've got 12 hours to bite everyone in the house before they stake it to you. Game play by Steve Bak and graphics by Pete Lyon. \$19.95
MichTron, 3201 Drummond Plaza, Newark, DE 19711, (302) 454-7946

Frostbyte

Fast-moving arcade adventure starring Hickey the Kreezer. Help him to free his fellow remaining Kreezers from the goulsh monsters who inhabit the planet craters. 50 different screens, great graphics, and sounds. \$29.95
StarSoft Development Labs, 3500 Aloma Ave. #D-2, Winter Park, FL 32792, (407) 657-7553

◆ Full Count Baseball

Strategy simulation so real you can almost hear the crack of the bat. Comes complete with 78 teams, a stats compiler; one, two, and computer vs. computer play modes; and draft, trade, input players/teams options. \$39.99
Data Innovations Inc., 127 N. Front St., Rising Sun, IN 47040, (812) 438-3733

Future Classics Collection

A collection of five entirely new games in one package: Diskman, TankBattle, BlockAlanche, Lost 'N Maze, and Diet Riot. Offers three ways to play each game: Split-Screen for two-player head-to-head competition; Full Screen for two player game or single player; and Split Screen against one of three computer characters. Each game has 20 to 50 or more levels in each mode. \$39.95
Live Studios, 30151 Branding Iron Rd, San Juan Capistrano, CA 92675, (714) 661-8337

Future Wars

Graphic adventure game in which the player must crisscross through time to prevent the destruction of Earth in the distant future. See CDTV section also. \$49.95
Interplay Productions, 3710 S. Susan, Ste. 100, Santa Ana, CA 92704, (714) 549-9001

GRIDIRON!

Football simulation uses digitized audio. Devise and call your own plays. Loaded entirely into RAM and runs in real time with five levels of play. Requires 512K RAM. \$39.95
Bethesda Softworks, 15235 Shady Grove Road, Suite 100, Rockville, MD 20850, (301) 926-8300

Galactic Conqueror

Fast action of a coin-op game and the sophisticated strategy of a computer. Located in the center of the galaxy is Gallion, the supreme headquarters of the stellar league. They have detected an enemy invasion. As the only one with enough experience to handle a strategic conflict, you will be sent to stop the invasion. Which of the 416 planets will be the most important to liberate and aid in the battle? Which planets may not be counted on? Join a training mission at any time, to increase your skills and attain a higher level of performance. \$44.95
Titus Software Corporation, 20432 Corisco St., Chatsworth, CA 91311, (818) 709-3693

Galactic Invasion

Intergalactic dogfight. Invade the enemy galaxy and capture and destroy their satellite stations. Find material to build the ultimate doomsday weapon. Real-time interactive graphics, digitized stereo sound, computer opponent, 3-D galaxy complete with stars, planets, moons, suns, and asteroid belts. \$14.95
Microillusions, P.O. Box 3475, Granada Hills, CA 91394, (818) 785-7345

Gauntlet II

Based on the arcade mega-hit, Gauntlet II brings you superlative graphics, sound and total excitement. In search of magical treasures, you explore the Dark Dungeons while battling ghosts, demons, fire-breathing dragons, sorcerers, and other deadly foes. Come live the fantasy of the popular legendary characters—Thor, Thyra, Questor, and Merlin. Up to four players can join in on the action at any time during play. \$49.95
Mindscape, A Software Toolworks company, 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

Genghis Khan

Genghis Khan catapults the player into an era of world conquest and domination. There are two separate scenarios—Mongol Conquest and World Conquest—each offering a game system that virtually never puts the player in the same position twice, allowing for endless hours of absorbing game play. As a player you attempt to build an empire. Keep it by making your populace happy, your treasury full, your subordinates loyal, and your enemies at bay. The human side of empire

building has not been forgotten. Finding the right way to approach a hostile empress is just as important as training troops in battle. Do not let your guard down, and be ready for a host of problems. \$59.95
Koei Corporation, 1 Bay Plaza, Ste. 540, 1350 Bayshore Plaza, Burlingame, CA 94010, (415) 348-0200

Gettysburg: The Turning Point

Reenacts the three-day Gettysburg Civil War battle in 42 turns. Command-control system shows the effects of the commanders, ammunition points, fatigue, and other factors. Basic, intermediate, and advanced modes available. Computer allows you to play the Blue or the Grey. \$59.95
Strategic Simulations, Inc., 675 Almanor Avenue, Sunnyvale, CA 94086-2901, (408) 737-6800

Global Commander

In the year 2032, all 16 of the world's powers are members of the United Nuclear Nation. Each nation has its own government, personality, and needs. You are responsible for the welfare of the entire UNN, including the distribution of all nuclear missiles, fulfilling food needs, communication, and economy. If you do your job well, peace will prevail. \$39.95
DataSoft, Distributed by Electronic Arts, (800) 245-4525

◆ Globulus

A unique combination of action and strategy on a 3-D isometric maze. Puzzling fun for all! \$29.95
InnerPrise Software, Inc., 128 Cockeysville Road, Hunt Valley, MD 21030, (301) 785-2266

Gold Rush

Historical adventure follows a 49er from New York to California. Three different games, one for each path the miner follows. \$39.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 326-6654 orders

Gold of the Realm

Awesome graphic action-adventure game. Four castles to explore, 320 different scenes, 32 color screens. MIDI compatible. Fight off villains, find your way through mazes to get to treasure! Joystick and mouse control. Three levels of difficulty, pause, and game save features to make mapping easier. Digitized sound and MIDI-compatible music. \$39.95
Magnetic Images Co., P. O. Box 17422, Phoenix, AZ 85011, (602) 435-2006

◆ Golden Axe

The Death Adder is tyrannizing the people of Yuria. Only three heroes have the strength to stop the ruthless tyrant and regain the throne. Tyrus-Flare, a beautiful and powerful amazon is empowered by a special fire magic. Gilius-Thunderhead rumbles and tumbles to the scene with his astonishing combination of lighting power and gymnastics skills. And the Axe Battler has sharpened his giant sword for battle. You must choose which challenger to send into the dreaded path of the Death Adder. Your weapons range from razor-sharp swords to curtains of fire. You can even joust with your foes. Remember, one dose of magic can wipe away an acre of evil. \$49.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Goldrunner

The first installment of the Goldrunner series. Join in as humankind prepares to leave Earth and enter the Golden Age. Can you become the fabled Goldrunner in the battle for the Ring-Worlds of Triton? \$19.95
MichTron, 3201 Drummond Plaza, Newark, DE 19711, (302) 454-7946

Goldrunner II

Fifty years ago, the first Goldrunner, a brave and bold warrior, defeated a powerful force of space pirates to save the world. The past five decades of

life on the Ring-Worlds of Triton have altered the life of the human race. No longer a warrior, technology has made man a new fighter. But the robots that defend his home have been captured by pirates and turned against him. That's when the action begins. Fly your single-seated fighter to the platforms, outwit the pirates' defense system, and recover the robots. \$19.95
MichTron, 3201 Drummond Plaza, Newark, DE 19711, (302) 454-7946

Grand Prix Circuit

You do more than drive a car. Qualify in races against the clock, single races against nine computer drivers who have unique personalities and characteristics; and ultimately the World Driving Championship where they race on all eight tracks. \$24.95
Accolade, 550 S. Winchester Blvd. Ste. 200, San Jose, CA 95128, (408) 985-1700

Graphic Adventure Collection

Three award-winning graphic adventures: Deja Vu, Uninvited, and Shadowgate. \$49.95
Mindscape, A Software Toolworks company, 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

Great Resort Courses

Developed to work with Accolade's MEAN 18 golf simulation. Package contains five different courses: Muirfield Village (Dublin, OH); Mission Hills (Rancho Mirage, CA); Eagle Ridge (Galena, IL); Dorado Beach (Puerto Rico); Banff Springs Hotel Course (Canada). \$10.00
Moonlight Development, 329 Shoreline Place, Decatur, IL 62521

Greg Norman's Shark Attack! The Ultimate Golf Simulator

It's professional golf at it's best with Greg Norman. A state-of-the-art golf graphics better than ever seen before. Just a few of the many features: 3-D perspective, adjustable weather conditions, numerous game types. \$39.99
Virgin Mastertronic International, 18001 Cowan Street, Ste. A & B, Irvine, CA 92714, (714) 833-8710

Gun Shoot

Shoot 12 different criminals; but don't touch the civilians. Includes two-player mode and digitized sound. \$34.95
DigiTek Software, 8910 N. Dale Mabry Executive Center, Tampa, FL 33614, (813) 933-8023

◆ Gunboat: River Combat Simulation

Twisted jungle rivers and tight-quarters combat combine for one-of-a-kind adventure in Gunboat: River Combat Simulation. Enter three sweltering combat zones; operate a U.S. Navy River Patrol Boat in over 20 missions; step into the abyss known as 'Riverine Operations'; get a first-person perspective from four battle stations; open fire with authentic gunboat weaponry; experience explosive 3-D realism. \$49.95
Accolade, 550 S. Winchester Blvd. Ste. 200, San Jose, CA 95128, (408) 985-1700

Gunship

Gunship, a combat helicopter simulation, puts the player at the controls of the world's finest attack helicopter, the U.S. Army's AH-64A Apache. The gunship arsenal boasts Hellfire and Sidewinder missiles, Folding Fin aerial rockets, and a 30mm cannon capable of firing 625 rounds per minute. To make the game challenging for novices and combat simulation experts, Gunship offers a variety of skill and reality levels, mission types, and specific mission objectives. \$54.95
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (301) 771-1151

HardBall II

Sports simulation. Sequel to HardBall! the world's best selling computer baseball game. HardBall II allows you to make coaching decisions based upon players' game performances, as well as historical data. \$49.95
Accolade, 550 S. Winchester Blvd. Ste. 200, San Jose, CA 95128, (408) 985-1700

Graphic Arts
Desktop Video
Word Processing
Desktop Publishing
Music
Education
Business & Home Productivity
Programming
Utilities
Entertainment
Miscellaneous Software
Drives
Memory Expansion
Accelerators
Video Hardware
Miscellaneous Hardware
Accessories & Services
Books & Tapes
CDTV
PDS Guide
AMICUS Index
Fred Fish Index
Vendor/Product Registration
AC Back Issue Index
User's Groups
Vendor Information
Product Index by Product
Product Index by Vendor
Category Index
Last Minute Additions

Harley-Davidson: The Road to Sturgis
Jump on your HOG and hit the road to the biggest rally of the year in this adventure/driving combination. Compete in real Harley events, customize your bike, and party with the brothers as you improve your biker ranking. A few too many speeding tickets, blown tires, and bad decisions could leave you eating dust instead of burning rubber! \$39.95

Mindscape, A Software Toolworks company, 60
Leveroni Court, Novato, CA 94949, (415) 883-3000

Harpoon

Harpoon is a contemporary naval wargame. It has 16-color, 640x200 medium resolution graphics and complete digitized sound. Also available is a Scenery Editor \$39.95 and two additional battle sets—North Atlantic Convoy and Mediterranean Sea \$29.95. \$59.95

Three-Sixty, Inc., 2105 S. Bascom Ave., Ste. 290,
Campbell, CA 95008, (408) 879-9144

Harrier Combat Simulator

Strap yourself into the most sophisticated and deadly close-range combat aircraft of today—the Harrier jump jet. Fly this ultra-realistic plane to destroy the enemy headquarters 500 miles away. You'll need all of your skills to conquer enemy air and ground forces in this exciting flight simulator/combat game. \$49.95

Mindscape, A Software Toolworks company, 60
Leveroni Court, Novato, CA 94949, (415) 883-3000

Harrier Mission

Land on a carrier, hover, and evade missiles. Shoot the enemy down with a heat-seeking missile or gunnery skills. Avoid being shot and make sure you've got enough fuel to return to the carrier. \$24.95

Mindscape, A Software Toolworks company, 60
Leveroni Court, Novato, CA 94949, (415) 883-3000

◆ Hawaiian Odyssey Scenery Adventure

Explore a tropical paradise with Hawaiian Odyssey. This enhancement disk can be used with all subLOGIC flight simulation products. Hawaii's natural beauty makes it the perfect area for both visual flight sightseeing and VFR or IFR cross-country navigation. Hawaiian Odyssey also offers the very first structured subLOGIC scenery adventure. Locating the secret jewel of the goddess Pele from the cockpit of your aircraft isn't as simple as spotting an object from a distance and then flying toward it; you must find and follow an intricate set of clues scattered about the Hawaiian Islands that will guide you to your goal. 'Hawaiian Odyssey' is an add-on disk designed to expand the flying environment of all subLOGIC integrated flight line products. You must have a subLOGIC flight simulation program in order to use this disk. \$29.95

subLOGIC Corporation, 713 Edgebrook Drive,
Champaign, IL 61820, (800) 637-4983

Heart of the Dragon

Dare to enter a world of magic and mystery brought to life in 4096 colors. Heart of the Dragon is a fantasy/arcade adventure featuring full character interactions, puzzles & features along with arcade-style excitement. Over 6MB of photorealistic graphics and 4,096-color HAM mode adventure screens make this title an Amiga show-piece! Game features both one-and two-player (cooperative) action, and a computer demo mode. Stunning music and sound effects round out the package. Hard disk installable, AmigaDOS release 2.0-compatible. \$49.95

Avatar Consulting, order from Digital Wizards,
2727 Camino Del Rio South Ste. 340, San Diego,
CA 92108, (619) 260-1100

Heat Wave

Offshore superboat racing simulation. Experience the speed and danger of real offshore racing in a 600 HP superboat. Actual races set in Miami, along the Mississippi, Biscayne Bay, and Ft. Lauderdale. \$44.95

Accolade, 550 S. Winchester Blvd. Ste. 200, San
Jose, CA 95128, (408) 985-1700

Heavy Metal Modern Land Combat

A sophisticated war simulation game that combines the best elements of simulated arcade action and strategy. Each player starts out as a second lieutenant and is able to move up through the ranks based on field performance. \$44.95

Access Software, Inc., 545 West 500 South Ste. 130,
Bountiful, UT 84010, (800) 800-4880

Highway Patrol II

Summer 1989 on a hot day. You are parked on the side of an interstate in Arizona with the air conditioning on full. From the radio comes an APB, 'alert to all units, a fugitive killer has escaped and is driving eastbound on Interstate 10 towards the state line. Use caution.' Highway Patrol II gives you full simulator power. You control the sliding car, U-turns, tail-spins. Watch out for flat tires and empty fuel tanks. You will have to drive very fast and to catch the villains you may leave the road and drive through the desert, but the use of your compass and your map is mandatory. \$44.95

Titus Software Corporation, 20432 Corisco St.,
Chatsworth, CA 91311, (818) 709-3693

Hits

Four disk games for the price of one, with color and sound from the original. Games include Goldrunner, Slaygon, Jupiter Probe, and Karate Kid Part II. \$34.95

MichTron, 3201 Drummond Plaza, Newark, DE
19711, (302) 454-7946

Hockey League Simulator

Become coach and general manager of your own hockey league. From first draft through the Stanley Cup playoffs, you make the key decisions. The HLS provides sophisticated, but easy-to-use tools for designing league statistics, including overall standings, leading defensemen, and team power play results, to name just a few. \$39.95

Media Technology Limited, 15235 Shady Grove
Road, Ste. 100, Rockville, MD 20850,
(301) 926-8300

Hole-in-One Miniature Golf

From classic holes to the bizarre, DigiTek Software's Hole-in-One Miniature Golf uses the ease of a special mouse-interface (point and click) to provide fun and excitement for all ages, with as many as four players at once. This two-disk set comes complete with four 18-hole courses and a tutorial course for a total of 90 exciting holes. From the traditional windmill to the inside of a pinball machine. Features multitasking, installable on hard drive, VDO; in RAM. Scorecard printout on any Amiga compatible printer. Extra course disks available. Various holes can be viewed from different perspectives. \$39.95

DigiTek Software, 8910 N. Dale Mabry Executive
Center, Tampa, FL 33614, (813) 933-8023

Hole-in-one Miniature Golf

Extra Course Disk #3

The additional course disk for Hole-in-One Miniature Golf comes with three more breathtaking courses that give you a total of 54 more exciting holes. Fight gravity, magnetism and disappearances in the holes of Out of This World; enjoy the visually stunning and amazingly realistic holes in Holidays, a journey through holidays of the year; and have fun with the hilarious and educational holes in Alphabet Soup. \$19.95

DigiTek Software, 8910 N. Dale Mabry Executive
Center, Tampa, FL 33614, (813) 933-8023

Hostage

Control a six-person strike team assigned to rescue embassy hostages being held by terrorists in this action/strategy game. Change perspectives instantly with a unique interface. Quick thinking determines which rescuer to maneuver. TV-news quality graphics and easy-to-use controls create an ultra-realistic experience. \$44.95

Mindscape, A Software Toolworks company, 60
Leveroni Court, Novato, CA 94949, (415) 883-3000

◆ Hoyle's Book of Games Volume 2: Solitaire

A true card player's delight, with 28 different solitaire games in one easy-to-play package, the

game can be played with mouse, keyboard or joystick. Play familiar favorites like Klondike, Canfield, and Pyramid, to lesser known games such as Eliminator, with easy and hard variations on each game. Requires 1 MB. \$34.95

Sierra On-Line, P.O. Box 485, Coarsegold, CA
93614, (800) 326-6654 orders

Hoyle's Book Of Games™ Volume One

Learn and practice six popular card games, from Gin Rummy and Old Maid to Hearts, Cribbage, and Klondike Solitaire. Sierra's high-resolution graphics add to your game enjoyment. You'll enjoy using the highly detailed and realistic playing cards as you test your skills against 18 opposing players, including many Sierra game characters. Play Hearts with King Quest IV's King Graham or Gin Rummy with Princess Rosella, or Crazy 8's with Roger Wilco, hero of the Space Quest games. Or challenge yourself with a game of Klondike Solitaire. It's a point-and-click interface, or you can play it with arrow keys, so any small child can get the hang of it! Requires 1 MB. Will be available for CDTV. \$34.95

Sierra On-Line, P.O. Box 485, Coarsegold, CA
93614, (800) 326-6654 orders

Impossible Mission II

You must stop the return of Elvin—a scheming madman seeking to take over the world in the 25th century. Search through eight levels of difficulty for secret codes that will save the world. \$29.95

EPYX, 600 Allerton Ave., Redwood City, CA
94063, (415) 368-3200

Indiana Jones and the Temple of Doom

Fight off Thuggee henchmen, cobras, and bats as you attempt to free the imprisoned children in this popular arcade game. Then prepare for a desperate ride on a mine railway, and a battle inside the temple itself. \$49.95

Mindscape, A Software Toolworks company, 60
Leveroni Court, Novato, CA 94949, (415) 883-3000

Indiana Jones™ And The Last Crusade—

The Action Game

You lash snakes around the gargoyle. As the Nazi searchlight sweeps upward, you swing to the tower window. It takes two-fisted courage and whip-quick reflexes to get Indy past murderous grave robbers, fanatical Nazis, and medieval mantraps in this classic arcade action game. Whip, punch, and dash your way through four levels to score high in excitement. Plenty of non-stop action. \$39.95

Lucasfilm Games, P.O. Box 10307, San Rafael, CA
94912, (800) 782-7927

Indiana Jones™ And The Last Crusade—

The Graphic Adventure

Join Dr. Indiana Jones on challenging new adventures in his daring quest for The Holy Grail. Try to surpass Indy himself in courage and cunning, and build your I.Q. (Indy Quotient) score. An exciting battle of wits with stunning 3-D graphics, sound effects, and movie theme music. \$49.95

Lucasfilm Games, P.O. Box 10307, San Rafael, CA
94912, (800) 782-7927

Indoor Sports

Turn your computer into an electronic game room, with versions of bowling, darts, air hockey, and Ping-pong. Play against the computer or against a friend. \$49.95

Mindscape, A Software Toolworks company, 60
Leveroni Court, Novato, CA 94949, (415) 883-3000

Infestation

Infestation takes computer games to a new level of realism by creating a complete environment stunningly rendered in super-fast 3-D vector graphics. Through a first-person heads-up point of view, you are completely free to move within the game world, examining and manipulating objects just as you would in a real world. The player takes over the role of Kal Solar, agent for the Interplanetary Federation, whose mission is to eliminate the threat of hostile life-forms at

station Alpha II. The player is equipped with a sophisticated pressurized body suit complete with a helmet, oxygen pack, battery pack, and cartridge plus rifle which provides more than just protection. Station Alpha II's layout requires extensive exploration of over three levels of stunning 3-D graphics. As Solar, you must battle your way through shafts, lifts, ventilation tunnels, radiation areas, network terminals, and blast doors to accomplish your mission. \$39.95
Psygnosis Limited, 29 St. Mary's Court, Brookline, MA 02146, (617) 731-3553

Insanity Fight

Battle in space against the evil Death Ship. \$19.95
MichTron, 3201 Drummond Plaza, Newark, DE 19711, (302) 454-7946

International Soccer

Options for playing soccer put the control in your hands. You determine the challenge, and you call the shots! Control the weather: wet and slippery or the more predictable dry. Try a night game with shadows, or select a game in the wind. Choose midfield players and outfit them in colors of your choice. Half and full time score is displayed on the electronic scoreboard. Fans cheer you on to the World Cup, and onscreen referees ensure fair play. \$19.95
MichTron, 3201 Drummond Plaza, Newark, DE 19711, (302) 454-7946

Iron Lord

In Iron Lord, you embody a noble knight whose uncle has seized the throne and killed your father the king. It's up to you to overthrow him and recover your birthright. Recruit an army by traveling around to villages and performing services for the local people. Win money in the various contests: arm wrestling, archery, dice, and more. Survive this and you will face your uncle and horrific monsters in an exciting labyrinth section. There's even the world's first 3-D sword-fighting simulation. Numerous subgames mean that you'll never reach a dead end, making this game ideal for beginners and experts alike. \$39.95
UBI Soft, distributed by Electronic Arts, 8/10 Rue de Valmy, 93100 Montreuil Sous Bois, France, (800) 245-4525

Is海道: The Way of Stones

This ancient oriental strategy game provides one or more strategists with the challenge of accurately placing a pouch of 72 stones on a 96 square game board. Each stone is decorated with a symbol and a color and can only be placed next to another stone that matches either a symbol or color. As the board begins to fill with stones, the game becomes more complex when players are faced with matching two, three and even four sides of some stones. The most desirous move, albeit the most difficult, is a 'four-way' where one stone is matched on all sides by four others. The game can be played with ancient or modern rules in four different games: solitaire, cooperative, tournament, or challenge. Once players achieve a 'four way' they can also consult the powerful Oracle of the Stones which can answer questions and provide guidance for solving some of life's puzzles. \$54.95

Accolade, 550 S. Winchester Blvd. Ste. 200, San Jose, CA 95128, (408) 985-1700

It Came From The Desert

Lizard Breath, a small California desert community, is in for a giant surprise. For at this very moment, swarms of enormous, radiation-crazed insects are descending upon a tranquil town. To save the community from becoming munchies for a bunch of mutant-sized monsters, the player must convince the townspeople of the imminent danger, locate the creatures, and destroy their nest before the whole town becomes a human picnic basket! Human drama abounds, as the player struggles with blackmailing rivals, land scams, love triangles, and desert cults in the midst of the monsters' rapid approach. The player must survive challenging arcade sequences featuring intense knife fights, frightening games of chicken on the highway, and raging fires, as the endan-

gered desert cooks with violence. Tanks, F-86 Sabre Jets, and even the National Guard arrive for all-out military action as the creatures march toward town. Requires 1MB RAM. \$49.95
Cinemaware Corporation, 4165 Thousand Oaks Blvd., Westlake Village, CA 91362, (805) 495-6515

It Came From the Desert II: Antheds

It Came From the Desert II takes place five years later in the same backwater town of Lizard Breath. Brick Nash, a tough, cynical-ex-fighter pilot, is the hero fighting to save both Lizard Breath and his naive kid brother Andy. He believes he is merely trying to stop a poorly thought-out above-ground atomic bomb test, due to take place the next morning near Lizard Breath. In reality, the once-dormant nest has come alive, threatening the inhabitants of this hapless town to a fate worse than death. Brick Nash has his hands full as he tries to collect evidence to convince the Mayor, find and destroy the queen ant, and use skills more suited to a petty criminal than to a hero of the Korean War. It Came From the Desert II requires the original disks from It Came From the Desert to operate. \$19.95
Cinemaware Corporation, 4165 Thousand Oaks Blvd., Westlake Village, CA 91362, (805) 495-6515

JUG

You are an interactive humanoid composed of titanium fleximetal and other organic materials. First built in 36412 AD, you were nicknamed JUG because of your barrel chested profile and the ability to transform into many different shapes. Your duty is to seek out the deadly tumor that is destroying the planet Spireaus. Trap doors enable you to move up or down a level. The planet's immune system will see JUG as a hostile and alien body. Beware of attacks from the very planet you are trying to rescue. \$19.95
MichTron, 3201 Drummond Plaza, Newark, DE 19711, (302) 454-7946

Jack Nicklaus Presents

The Major Championship Courses of 1989
 Jack Nicklaus Presents The Major Championship Courses of 1989, is the second in a series of golf simulations created in association with Jack Nicklaus Productions. It is an add-on accessory disk exclusively for use with Jack Nicklaus' Greatest 18 Holes of Major Championship Golf and contains simulations of the host courses of this year's U.S. Open, PGA and British Open Championships. With this new add-on accessory disk, computer golfers are provided with simulations of three distinguished courses of this year's championships including Oak Hill, Kemper Lakes, and Royal Troon. Each of the three courses will provide computer golfers with distinct scenery and challenges where they can compete like the pros did during this year's Majors, and perhaps beat the score of the winners. \$21.95
Accolade, 550 S. Winchester Blvd. Ste. 200, San Jose, CA 95128, (408) 985-1700

◆ Jack Nicklaus Presents The Great Championship Courses of 1990

Exclusively for use with Jack Nicklaus' Unlimited Golf & Course Design and Jack Nicklaus' Greatest 18 Holes of Major Championship Golf this add-on course disk contains the grand slam course of 1990 including Medinah Country Club in Illinois, Shoal Creek in Alabama and St. Andrews in Scotland. \$21.95
Accolade, 550 S. Winchester Blvd. Ste. 200, San Jose, CA 95128, (408) 985-1700

◆ Jack Nicklaus Presents

the Great Courses of the U.S. Open
 Number four in a series of add-on course disks exclusively for use with Jack Nicklaus' Unlimited Golf & Course Design and Jack Nicklaus' Greatest 18 Holes of Major Championship Golf. The new course disk contains three of the most challenging and popular courses to ever host the U.S. Open including Pebble Beach Golf Links, Oakmont Country Club, and Baltusrol Golf Club. \$21.95
Accolade, 550 S. Winchester Blvd. Ste. 200, San Jose, CA 95128, (408) 985-1700

Jack Nicklaus'

Unlimited Golf & Course Design

This newest computer golf simulation contains all the realistic elements of championship play as well as all the tools needed to easily design challenging and visually stunning holes and courses. Included within this simulation is The Bear's Track, an oceanfront 18-hole course designed by Jack Nicklaus and his team exclusively for this new product, and a re-creation of Muirfield Village, a Jack Nicklaus designed course and site of The Memorial Tournament. Among the features included are Instant Replay, Reverse Angle Replay and an optional Break Grid that can be played over the green for easier interpretation of the break. Using Jack Nicklaus' Course Design, computer golfers can build their own championship layouts or re-create favorite holes they have seen or played. \$59.95
Accolade, 550 S. Winchester Blvd. Ste. 200, San Jose, CA 95128, (408) 985-1700

Jack Nicklaus' Greatest 18 Holes of Golf

Players play against a computerized Jack Nicklaus on 18 of his favorite holes or try their hand at two original Nicklaus-designed courses. Play with four people or a variety of computerized men and women. Skins scoring or stroke play; pro, men's or ladies' tees; wind intensity and direction; uphill; downhill. \$49.95
Accolade, 550 S. Winchester Blvd. Ste. 200, San Jose, CA 95128, (408) 985-1700

Jack Nicklaus' International Courses

Three international courses to be played with Jack Nicklaus' Greatest 18 Holes of Major Championship Golf, offering computer golfers a fantasy vacation overseas with the opportunity to play on precise simulations of three championship courses designed by Jack Nicklaus in Australia, Japan, and England. \$21.95
Accolade, 550 S. Winchester Blvd. Ste. 200, San Jose, CA 95128, (408) 985-1700

◆ James Bond: The Stealth Affair

A graphic adventure game in which the player takes the role of James Bond and must find the missing Stealth Bomber. \$54.95
Interplay Productions, 3710 S. Susan, Ste. 100, Santa Ana, CA 92704, (714) 549-9001

James Clavell's Shogun

As John Blackthorne, the charismatic lead character in James Clavell's novel, the player enters the 16th century. Blackthorne, an English sea pilot, has embarked on an uncharted route to Japan. Upon reaching land, he is thrust into the upper echelons of feudal Japan society at the moment a political power struggle is erupting between two Japanese regents who aspire to be Shogun. While adapting to this exotic culture, the player befriends one of the regents, Toranaga, and falls in love with the lovely court translator, Mariko. The action of the story revolves around powerful political forces which influence and ultimately control the player's life and the lives of Toranaga and Mariko. Shogun catapults players into a world rich in Japanese history and culture. Shogun's graphics are in traditional, 16th-century Japanese style and are used as text borders and story illustrations. Rewards are given for solved puzzles and successfully handled situations. \$19.95
Infocom, See Mediagenic

Japan Scenery Disk

For subLOGIC flight simulation products. Covers detailed scenery from Tokyo to Osaka. Delightful international adventure. \$24.95
subLOGIC Corporation, 713 Edgebrook Drive, Champaign, IL 61820, (800) 637-4983

Jigsaw Puzzlemania

Every puzzle is cut into authentic jigsaw shapes. Ideal for all age groups, each puzzle can be played in six different sizes ranging from 4x4 to a challenging 12x12 (144 pieces). Players are timed and

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Last Minute Additions

wrong moves result in a penalty. Comes with over 10 puzzles and the ability to accept the user's graphics, allowing the creation of personalized puzzles. \$29.95
Artworx, 1844 Penfield Rd., Penfield, NY 14526, (800) 828-6573

Jigsaw! The Ultimate Electronic Puzzle
 Jigsaw! Features dazzling, colorful pictures that are a treat to behold. Choose from four levels of difficulty: 60 pieces – the ultimate challenge; 40 pieces – the standard level; 15 pieces – a great level for kids or for anyone who wants to get acquainted with the program or 8 pieces – easiest level, great for children ages 10 and under. \$39.95
Britannica Software, 345 Fourth Street, San Francisco, CA 94107, (800) 572-2272

Jinks

You are a member of the Planetary Exploration Corps, braving the incredible danger involved with exploring new unknown worlds. Your current assignment takes you to a world called Atavi, whose vast natural resources are desperately needed by mankind. Four computer-guided ships have already been sent on missions, but all were lost. You must fly your scout glider through dangerous conditions while keeping the sensitive anti-grav probe from being destroyed. Your skill as a pilot will be tested to the limit. \$29.95
Gold Disk, Inc., 5155 Spectrum Way, Unit 5, Mississauga, Ontario, Canada L4W 5A1, (416) 602-4000

Joan of Arc: Siege & The Sword

Joan of Arc: Siege & The Sword offers five exciting action sequences, including large-scale battles in open countryside, hand to hand struggles with individual English soldiers, and perilous assaults on soaring fortress walls as boulders and scalding oil rain down. This history-based game blends action and strategy with a rich storyline. The player takes the role of Charles VII and can raise armies, collect taxes, ransom prisoners, and send out spies. Up to 20 game options are possible at every turn! Seventy-three authentic provinces and towns, and 31 historically-based characters, each with different strengths and weaknesses, add to the challenge. \$44.95
Broderbund Software Inc., 17 Paul Drive, San Rafael, CA 94903, (800) 527-6263

Jockey Competition

The Jockey Competition Module involves you in a tough tournament and carrier battle as you pit your skills as a jockey against 14 other computer jockey opponents. Plot strategies and develop your career as you select exactly which thoroughbreds to ride to victory. This module provides detailed records and ever-changing stats. It also turns on existing code within all Track Modules to now allow you to actually control the horse you're riding in each race. Existing Tracks 1 and 2 allow this action through joystick or keyboard control while displaying side and overhead views. \$14.95

SportTime Computer Software, 3941-E So. Bristol St. Ste. 551, Santa Ana, CA 92704, (714) 966-0207

Joe Blade

Rescue six world leaders being held hostage by the leader of an infamous group of terrorists, Crax Bloodfinger. Joe Blade must fight the perils of danger, disarm six bombs before they explode, collect keys to cells, ammo, and food. Great color graphics. \$34.95

DigitTek Software, 8910 N. Dale Mabry Executive Center, Tampa, FL 33614, (813) 933-8023

Journey

Journey is a graphically-illustrated world of dwarfs, elves, nymphs, and wizards in a despairing village that has been enduring great suffering for five years. When all hope begins to fade, a party is sent out on a quest for the revered wisdom of a great wizard, Astrix. As an apprentice food merchant, the player accompanies the party and keeps a diary of their journey. The player shares in the magical adventures of Tag, Praxix, Bergon, Esher, and Minar as they solve puzzles,

overcome obstacles, and explore unknown lands. Journey players pass into the adventure with ease by simply selecting commands from a menu. Since each character can act on his own, he must play the part of a combat strategist, physician, magician, and character judge—all while pursuing the defeat of evil which has infested the land. \$29.95

Infocom, See Mediagenic

KNIGHT FORCE

The kingdom of Belloth is the crossroad of time and space, with each gate being the entrance to the past and the future times. Princess Tanya has been seized by the sorcerer, Red Sabbath. You will travel through time to collect the magic amulets to be able to fight Red Sabbath and his clones. Your enemies are the guards of the sorcerer who resides in the magic castle. Game played over five time zones, including prehistoric, medieval, and present day. Outstanding backdrops, realistic graphics, and animation including: castles, caverns, urchins, skeletons, and other mystical creatures. \$44.95

Titus Software Corporation, 20432 Corisco St., Chatsworth, CA 91311, (818) 709-3693

Kampfgruppe

Tactical WWII game featuring all the weapons used on the Russian Front from 1941-1945. \$59.95
Strategic Simulations, Inc., 675 Almanor Avenue, Sunnyvale, CA 94086-2901, (408) 737-6800

Karate Kid Part II

One or two players, joystick or keyboard option, sound and graphics. You must discover the secret of the drum or die! Catch flies with chopsticks and break ice with your bare hand in full size with animated graphic screens. \$19.95
MichTron, 3201 Drummond Plaza, Newark, DE 19711, (302) 454-7496

Keef The Thief

Keef the Thief is a unique role-playing experience that mixes humor with action in an adventure that includes dramatic combat, multi-level spells, and puzzles to solve at every step. And your goal is a simple one: become the absolute ruler of everything and everyone! In Keef the Thief, you're young Keef, a juvenile delinquent out on your own for the first time. You're faced with survival in the Tri-City Area; a vermin-infested continent tangled with thick, steamy jungles. If things aren't bad enough, rumor has it that a supremely evil magician is trying to create the magic necessary to rule the continent. Since you have delusions of grandeur, you set out to beat him to it. Amusing narratives accompany you as you explore the more than 25 complete levels, which are inhabited by over 200 species of drooling monsters that think that thief meat is sweet. \$49.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Keith Van Eron's Pro Soccer

Keith Van Eron, goalkeeper for the outdoor soccer powerhouse Dallas Tornado and a living MISL legend, played every game of his career on the edge. Keith Van Eron's Pro Soccer gives you the same chance. Featuring a unique, 3-D view of the action and players that not only kick the ball, but dive, slide, and jump in the air after it, Keith Van Eron's Pro Soccer will provide endless hours of fun, whether you're playing a solitary game, or challenging a group of friends to a World Cup Tournament or grueling MISL season-long schedule. Soccer playing tips (complete with photographs) are provided in the manual. \$34.95
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (301) 771-1151

◆ King's Quest V

Fans of the series will be happy to note the return of King Graham of Davenport, hero of two previous King's Quest games. In a sudden turn from his serene and untroubled life in the peaceful kingdom of Davenport, Graham must once again don his adventurer's cap to rescue his queen and his son and daughter, who have been kidnapped by the evil and powerful magician, Mordack.

With the help of a kindly old wizard and a talking owl, Graham journeys to far lands on the most exciting and perilous quest of his life. Available June 1991. \$59.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 326-6654 orders

◆ King's Bounty

Taking the part of a legendary hero/heroine, the player will explore four continents, raise vast armies, and siege dozens of castles while pitting him/herself against a band of evil villains who have stolen the King's Sceptre of Order. Fantastic graphics, the ability to save at any time, and transparent interface make this an easy-to-play and fun challenge. \$49.95

New World Computing Inc., 20301 Ventura Blvd, Ste. 200, Woodland Hills, CA 91364, (818) 593-3455

King's Quest

Meet Sir Graham and outwit a witch, climb a beanstalk, ride an eagle, and battle a dragon. Complete the quest and win the crown. \$49.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 326-6654 orders

King's Quest II: Romancing the Throne

Join King Graham on a search for three magic keys to an enchanted land. Fly on a magic carpet, meet King Neptune and Dracula, and rescue the woman of King Graham's dreams. \$49.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 326-6654 orders

King's Quest III: To Heir Is Human

Help Gwydion break free of an evil wizard. Meet merry sailors, Medusa, and the Abominable Snowman. New self-mapped system keeps track of where you've been. \$49.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 326-6654 orders

King's Quest IV: The Perils of Rosella

King's Quest IV will be the first computer game to exploit the new higher graphics resolution of today's machines. A virtual army of artists, musicians, and programmers have combined their talents to make King's Quest IV a truly incredible experience. Requires 1 MB. \$59.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 326-6654 orders

Knights of Legend

Interact with hundreds of colorful residents in Ashtalarea. Undertake 24 different quests and face a wide variety of terrifying foes. Design the weapons and spells that you will use to defeat your challengers. The first fantasy role-playing game to offer a modular design. Over 300 bit-mapped pictures, including 100 character portraits, 90 towns, hamlets and shop illustrations, and 32 monster illustrations. Create up to six characters and customize weapons and armor, a possible 729 combinations. \$49.95
Origin Systems, Inc., P.O. Box 161750, Austin, TX 78716, (512) 328-5490

L.E.D. Storm

Enter the world of L.E.D. Storm, a world like no other. If you're looking for a yellow brick road, dream on. This is a land of evil robots, rabid wolves, dark tunnels, cars packed with TNT, narrow roads, and deep drop-offs. Test yourself and your nerve through nine challenging stages of realism, on a roadway elevated high above the ground. Synthesized music heightens the drama and the excitement. Pick up energy boosters along the way for extra fuel and to shield you from enemy attack. Don't bother to check the weather map. Dark clouds and storms are moving in fast. \$39.95

Capcom, U.S.A., 3303 Scott Blvd., Santa Clara, CA 95054, (408) 727-0400

◆ Land of Legends 'The Beginning'

Interactive adventure game with scrolling graphics, strategy and character development. Roam through dungeons, mines, beautiful countryside, marshes and much more. You'll

encounter beasts and dragons as you use magic and might to complete your quest. Requires 1MB. \$49.95
MicroIllusions, P.O. Box 3475, Granada Hills, CA 91394, (818) 785-7345

Last Duel

Journey light years away, if you dare, to two warring planets. Double trouble on a grand cosmic scale. The worlds are anticipating your arrival. Their fate is totally in your hands. Save the queen. Crush the Golden uprising and return control of the planet to its peace-loving inhabitants. The fighting will be fierce, deadly, incredibly fast, and furious. You may not survive. Accept this assignment only at extreme risk. Fight your way through six increasingly challenging levels of confrontations. Attack three-headed monsters, aliens with ultra-powerful laser weapons. Blast your way through a mad maze of intrigue, Golden's Route, a black hole where nothing escapes. An extraterrestrial S.O.S. has reached Earth. Will you respond? \$39.95
Capcom, U.S.A., 3303 Scott Blvd., Santa Clara, CA 95054, (408) 727-0400

Leader Board

Golf game simulation with four irons and a driving range for practice. \$44.99
Access Software, Inc., 545 West 500 South Ste. 130, Bountiful, UT 84010, (800) 800-4880

Leatherneck

Storm the beach to rescue your buddies held captive behind enemy lines. Combat arcade game, One to four players. \$19.95
MichTron, 3201 Drummond Plaza, Newark, DE 19711, (302) 454-7946

◆ Legend of Faerghail

Leading a small band of adventurers through the wilderness, you keep a sharp eye out for the bloodthirsty Skyrt-dragons, orcs and werewolves that inhabit the dark forests. You search for the shadow of death that's been cast across the land, but haven't realized the incredible danger until now. Encounter 80 unique and intelligent enemies; explore eight dungeons with more than 1,000 separate rooms and chambers; select or learn from 12 different trades; gain and use specific abilities with negotiating, attack, defense, concentration, etc.; use 31 magician spells, 25 illusionist spells, and much more! \$39.95
Electronic Zoo, 3431-A Benson Ave., Baltimore, MD 21227, (301) 646-5031

Leisure Suit Larry II: Looking for Love in Several Wrong Places

Jump on board with the hilarious Larry Laffer as he makes a play for the girl of his dreams. Adult humor. \$59.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 326-6654 orders

◆ Leisure Suit Larry III: Passionate Patti in Pursuit of the Pulsating Pectorals

In the third Larry game, Larry's pursuing Passionate Patti, but his luck with women is running as usual. This is the first Sierra adventure ever to allow players to switch roles in mid-game. From Larry, looking for his self-esteem, to the lovely Passionate Patti, who's on a quest for the man that got away. Requires 1MB memory. \$59.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 326-6654 orders

Leisure Suit Larry in the Land of the Lounge Lizards

Spend a memorable evening on the town with Leisure Suit Larry. Romp through singles bars, hot tubs, mean streets, and a blind date nightmare. Communicate in full sentences with 3-D animated characters. 900-word dictionary. Adult humor. \$39.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 326-6654 orders

Lemmings

Lemmings establishes a brand new category of game for the Amiga. You've never seen anything

like it! Hordes of tiny characters that you have to guide through many levels of obstacles and adventures building bridges, digging tunnels, climbing mountains, parachuting to safety. Get them on their way through each level as quickly as you can, or they start to inundate you and happily proceed to their own oblivion. Each level requires you to construct increasingly complex routes to save as many Lemmings as you can. Lemmings features tiny, incredibly-detailed and expressively-animated characters (up to 100 Lemmings on the screen at once), one-player or split screen two-player action, 100 mind-blowing increasingly difficult playing levels, and some of the most entertaining game playing music you'll ever hear. This one is going to be a classic! See CDTV section also. \$49.99
Psygnosis Limited, 29 St. Mary's Court, Brookline, MA 02146, (617) 731-3553

Les Manley In: Search for the King

This new 3-D Animated Graphic Adventure introduces players to 33-year-old Les Manley, a meager but well-meaning video technician who stands to improve his status, his bank account and his love life if he is the first to find The King, the world's greatest and most elusive entertainer. Les is a lowly employee of WILL, the lowest rated television network in New York. In order to raise it's rating, WILL is sponsoring a contest whereby it will award \$1 million to anyone who can find The King, wherever he may be. Whoever can discover the location of this international star (he has a fan following in the multi-millions) will be rewarded with a fortune and for Les, adoration from Stella. \$69.95
Accolade, 550 S. Winchester Blvd. Ste. 200, San Jose, CA 95128, (408) 985-1700

Life And Death

You are the surgeon! Talk with your patient, read charts, order x-rays, ultrasound, blood tests, and other lab work. Make decisions that determine whether your patient lives or dies. In the operating room, your skill with the scalpel while monitoring on-screen EKG, pulse, blood pressure, and other vital signs will determine whether your patient goes to recovery... or the morgue! \$49.95
Software Toolworks, The, 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

Light Division

Two can play modern warfare in the Straits of Hormuz. Battalion level combat between U.S. and Russian/Iranian forces. Paratroopers, helicopters, backfire bombers, and the Battleship New Jersey are involved. Designed by Joe Balkoski, award-winning game designer. \$40.00
3W Computer Games, Inc., P. O. Box F, Cambria, CA 09342, (805) 927-5439

◆ Loopz

The most addictive game ever! It's very simple; you get pieces of different sizes and shapes. Then you put them together to form Loopz. You can move the pieces around the playfield and rotate them. The more complex the loop, the more points you score. It's so simple, in fact, most people can easily finish their first session in about five or ten hours!
Software Toolworks, The, 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

Lords of War

Lords of War is an arcade-style game for single or multiple players. Defend your castle against your three adversaries and reflect their attempts to pierce your castle wall and reach your inner sanctum while at the same time trying to do the same to your opponents and disgrace their honor. If you can destroy all your enemies, then move onto the next conquest; die and be disgraced forever (or at least till the next game). Along the way you can gain magical powers to help in your fight. Each level changes and new obstacles come along to block your attacks. Take too much time and doomsday will occur. Based on a classic arcade game but updated for the Amiga, Lords of War features a large scrolling battle area, fully enhanced graphics, and digitized sound. Dis-

tributed by Mainstream America. \$39.95
Digital Concepts, 43035 Hayes Road, Ste. 229, Sterling Heights, MI 48078, (313) 772-1416

Lords of the Rising Sun

Step into the action of Japan's emperor family as you defeat the Tiara clan and become the Shogun. Survival is the key when battling against samurai armies on a three-screen map of medieval Japan. \$49.95
Cinemaware Corporation, 4165 Thousand Oaks Blvd., Westlake Village, CA 91362, (805) 495-6515

Lost Dutchman Mine

Based on a true legend. Journey to the Old West in search of the fabled mine. Buy supplies at the town store, play poker in the saloon, pan for gold or dish in the river and search over 100 caves and mines. Renegade Indians, bandits, snakes, and scorching temperatures are a constant threat. Digitized sounds, MIDI music, fabulous graphics. Randomizing feature gives unlimited game variations. \$49.95
Magnetic Images Co., P. O. Box 17422, Phoenix, AZ 85011, (602) 435-2006

Lunar Rescue

Arcade action in an outer space adventure! All your wits and skills will be challenged in this race to rescue the crew of Apollo 19, stranded on the moon during a surveying mission. Digitized NASA footage provides realism. Cinematic cut-scenes create suspense. A space Database teaches you important facts about space and our solar system using animated graphics, sound effects, and huge scrolling lunar landscapes. \$39.99
Odyssey Software, P.O. Box 367, N. Eastham, MA 02651, (508) 240-2317

MEAN 18

Goal simulation on three famous courses, plus one home course. Course Architect lets you design or modify an entire course. \$44.95
Accolade, 550 S. Winchester Blvd. Ste. 200, San Jose, CA 95128, (408) 985-1700

MI Tank Platoon

U.S. tank platoons have four MI's. Four soldiers operate each. That's four tanks, 16 men. And you control the whole shooting match. The fun of a four tank platoon in one great game. \$69.95
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (301) 771-1151

Magic Fly

Magic Fly is set in the distant future where spacecraft chillingly resemble modern-day invertebrates, such as the Centipedes, Tarantulas, and Scorpions. The player takes the role of a member of Magic Fly Squadron, part of an elite force policing the edges of the known Universe. Features 3-D solid vector graphics, with over 30 different alien craft to overcome in combat. Over 10 formidable weapons at your disposal, such as Limpet Mines, three types of lasers, and the Atomic Sledgehammer. \$39.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Magic MVP Johnson

Basketball the way the pros play. Arcade action brings the realism of the big time game home to you in this direct translation of the popular coin-op arcade game. Make the jump shot and of course Magic's fast break with a slam dunk finish. Dribble around your opponent to make the lay up that wins the game! Features arcade quality animated graphics and characters, full-court scrolling screen, two-on-two play, and full stats. \$49.99
Virgin Mastertronic International, 18001 Cowan Street, Ste. A & B, Irvine, CA 92714, (714) 833-8710

Major Motion

Race and battle against the dragsters, the Draconian League, in this fast-paced driving game. Watch out for helicopters and motorcycles. Joystick recommended. \$19.95
MichTron, 3201 Drummond Plaza, Newark, DE 19711, (302) 454-7946

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Word Processing
Desktop Publishing
Music
Education
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Programming
Utilities
Entertainment
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PDS Guide
AMICUS Index
Fred Fish Index
Vendor/Product Registration
AC Back Issue Index
User's Groups
Vendor Information
Product Index by Product
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Last Minute Additions

Manhunter: New York

Two years after an invasion, you are forced to hunt down and report human activities to an evil alien takeover or choose to be a supporter of the human underground. Includes New York City map, split-screen viewing. \$49.99
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 326-6654 orders

Manhunter: San Francisco

A plague of terrifying Orbs has overrun San Francisco, spreading horror, tyranny, and death. You are their pawn—a manhunter. Hunt your own kind for the alien masters in this thrilling and horrifying adventure game. Risk your life by turning against the Orbs to work for the cause to free humanity. \$49.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 326-6654 orders

Maniac Mansion

A hidden panel opens and out falls a tape cassette. This might be the clue that frees Sandy from Dr. Ed's lunatic lobotomy lab! There are 450 entertaining objects to discover in this madcap adventure through the 50 detailed rooms, zany adversaries, and off-beat humor of the Maniac Mansion. No typing—just non-stop point and click fun with your rescue team of colorful characters. \$44.95
Lucasfilm Games, P.O. Box 10307, San Rafael, CA 94912, (800) 782-7927

Master Sound

Master Sound allows you to load into your Amiga any amplified sound, and then manipulate that sound or use it in your own programs or demos. With Master Sound you can record a sound from cassette, CD, or microphone. Once loaded into Master Sound's editor, you can cut the size of the sample, change the playback speed, fade in/out, and much more. Once you have the sample how you want it, you can incorporate it into your own demos or programs, or use Master Sound's own sample sequencer to play back the sample. The on-screen display includes a 2-D editor window, Scope, and Equalizer.
MichTron, 3201 Drummond Plaza, Newark, DE 19711, (302) 454-7946

Matrix Marauders

A 3-D arcade game set in a futuristic time/matter grid race course. As you hurtle through the complex maze of tunnels, you must negotiate tortuous twists and turns in order to keep ahead of the competition. The deadly track is linked by a series of pit grids littered with numerous bonuses including speed-amplification modules and fuel which must be collected to ensure your survival. Play against another player on a separate computer with the optional two-player head-to-head link via serial port. Matrix Marauders features digitized audio-navigational aid and dedicated weapon-selection feature. \$39.99
Psygnosis Limited, 29 St. Mary's Court, Brookline, MA 02146, (617) 731-3553

Mean Streets

An interactive detective movie. It's the year 2033. Your name is Tex Murphy, private investigator in San Francisco. You've been hired by the beautiful daughter of a university professor to uncover the facts about her father's death. Interact with more than 27 characters which animate, respond to questions, bribes, and threats. \$49.95
Access Software, Inc., 545 West 500 South Ste. 130, Bountiful, UT 84010, (800) 800-4880

Medieval Warriors

Art thou a mighty warrior or a base knave? Put thy military skills to the test with this challenging medieval battle strategy game. Each army is comprised of 12 animated warriors which move and fight upon thy command with bow, knife, axe, and sword. Thou may pit thy military skills against those of thy computer or, if it is thy

preference, play against another human player, either on a single computer or over thy telephone with two computers equipped with modems. \$49.95

Merit Software, Inc., 13635 Gamma Road, Dallas, TX 75244, (214) 385-2353

Merlin

Merlin begins with a journey through the UnderWorld. Three nice ladies serve as your first guides to burn away fear, hatred, and mistakes...and to increase love, joy, and responsibility in your life. Not for the weak or insecure. As Merlin warns you, 'Sometimes what you find here will not be pleasant. I am not old Santa bearing gifts. I am light and darkness, and will show you joy and the face of death.' \$29.95
Blue Valley Software, 29 Shepard St., Walton, NY 13856, (607) 865-6523

Midwinter

You must protect the Midwinter Isle, the last habitable oasis on earth. Controlling up to 32 characters, you must defend an immense playing area of over 160,000 square miles. You can ski, hang glide, snow buggy, or travel by cable car across stunning glacial landscape, shooting, sniping, and sabotaging the intruders. Featuring a unique, 3-D fully light-sourced graphics system and unprecedented action sequences, Midwinter will keep you locked in the Ice Age for a long, long time. \$39.95
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (301) 771-1151

Might and Magic II: Gates to Another World

Embark on a glorious journey to save the world of Cron. Test your ingenuity with over 250 animated monsters. Ninety-six spells, more than 250 weapons and items, two new character classes, hirelings, and 15 secondary skills will aid your cause. Detailed 3-D color windows. Excellent graphics and animated monsters add to the excitement. \$59.95
New World Computing Inc., 20301 Ventura Blvd, Ste. 200, Woodland Hills, CA 91364, (818) 593-3455

Mighty Nerd

Try this fast-paced action packed game. The user provides the superhero with the superpowers which he uses to thwart the supervillains. Four levels of play, each with its own colorful scrolling map. Character editor allows the player to edit the powers of the superhero. \$49.95
ISM, Inc., PO Box 247, Phoenix, MD 21131, (301) 527-1988

Mindwalker

Talk about a split personality. With this program, you're a physics professor gone mad. Your ego has split four ways: that of a musclemans, a mathematical whiz kid, a fantasy creature, and a beautiful water nymph. All four of you must combine your resources to journey through the mind and make it whole again. \$34.95
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

Mixed-Up Mother Goose

The enchanting Mixed-Up Mother Goose takes your child on a wonderful adventure in dreamland where they will help Mother Goose to find her mixed-up rhymes and restore them back to normal. Mother Goose comes with written and visual clues to help your child play the game. Easy-to-use joystick or keyboard controls make playing a snap. Helpful pull-down menus assist children throughout the adventure. Includes a free full-color map of Mother Goose Land. Up to 12 players can save their game, according to their name, to

disk. Easy-to-use menus make it simple to play the game, save it, and select options such as a joystick control. Randomly located objects and characters allow your child to enjoy playing this adventure over and over again. \$29.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 326-6654 orders

Moeblus: The Orb of Harmony

Combines the features of animated martial arts games with the challenges of fantasy role-playing adventures. \$39.95
Origin Systems, Inc., P.O. Box 161750, Austin, TX 78716, (512) 328-5490

Monopoly

Play the best-selling board game of all time with friends, against the computer, or with a mixture of human and computer-controlled opponents. Enjoy the thrill and excitement of wheeling and dealing with the added enhancement of computer animation. Amass and lose great fortunes buying and selling railroads, utilities, and properties of all types. Collect rent and increase the value of your properties by building houses and hotels. Vie with crafty strategem for control of key properties such as Boardwalk and Park Place. \$39.99
Virgin Mastertronic International, 18001 Cowan Street, Ste. A & B, Irvine, CA 92714, (714) 833-8710

Moonbase

You are Commander of Project Moonbase, NASA's long range plan to colonize Earth's moon. From your multi-million dollar annual budget, you must establish a base, then manage its growth into a full fledged, independent colony. With savvy and luck, you may create a self-sufficient city on the moon, but not without handling the leadership problems in this political and physical environment. \$49.95
Merit Software, Inc., 13635 Gamma Road, Dallas, TX 75244, (214) 385-2353

Mouse Quest

Help Marvin the Mouse as he tries to prove himself and win back his girlfriend Meryl. Fifty levels of fast arcade action with terrific graphics and sound. \$19.95
StarSoft Development Labs, 3500 Aloma Ave. #D-2, Winter Park, FL 32792, (407) 657-7553

Murder on the Atlantic

You've just set sail for a relaxing journey when a sudden murder calls on you to investigate 40 suspects, 600 shipboard rooms, and search for 22 mystery-solving clues. \$39.95
Intracorp, Inc., 14160 S.W. 139th Court, Miami, FL 33186, (800) 468-7226

Muscle Cars

All-American Car Disk for The Duel. The five cars are: 1963 Corvette Sting Ray Split Window Coupe, 1968 Shelby GT500 Mustang, 1967 Pontiac GTO, 1967 Camaro 427, and a 1969 Dodge Charger Daytona. \$21.95
Accolade, 550 S. Winchester Blvd. Ste. 200, San Jose, CA 95128, (408) 985-1700

NFL Data Disk

Data disk contains player readings for all 28 NFL teams allows you to simulate games between NFL teams on GRIDIRON! \$19.95
Bethesda Softworks, 15235 Shady Grove Road, Suite 100, Rockville, MD 20850, (301) 926-8300

NY Warriors

The World Trade Center has been taken by terrorists! As the commander of an elite strike force, you are the only one who can keep them from blowing it up! 1MB version: \$49.99
Virgin Mastertronic International, 18001 Cowan Street, Ste. A & B, Irvine, CA 92714, (714) 833-8710

◆ NapGap

Napoleon's Game Assist Program is a wargame calculator for miniature wargames of the Napoleonic era. Based on standard rules and modified by several years of playtesting. It can calculate weather, firearms, vallying, melees, and more. \$49.95

HC Software Australia, GPO Box 2204, Adelaide, 5001, Australia, 011-61-8-344-6897

Netherworld

Mystical space journey/action arcade. \$34.95
MicroProse Software, Inc., 180 Lakefront Drive,
Hunt Valley, MD 21030, (301) 771-1151

Neuromancer

Science fiction role-playing game in which the player must find out why all the computer hackers in Chiba City have disappeared. Players must use computer programs to break into databases and get information. \$44.95

Interplay Productions, 3710 S. Susan, Ste. 100,
Santa Ana, CA 92704, (714) 549-9001

Never Mind

Never Mind is a totally interactive thinking man's animated puzzle which features 300 levels, essentially 300 puzzles, with a screen unique to each. The object of the exercise is for the player to use the screen character to rebuild a video wall picture which forms part of the screen by picking up blocks and dropping them into the correct place. After the picture first appears, it is then fragmented—with the pieces dispersed around the screen—before the game begins. In its most simple form, the animated character stands on a block, then presses a fire button which allows the block to be carried to its destination. However, it becomes increasingly difficult as the player enters different levels by dropping down a hole to cross a causeway to find himself in the middle of another maze of blocks. As he progresses, the pictures become more complicated and animated, and he must circumvent rogue chess pieces that appear to disrupt the proceeding. All of this must be achieved against the clock, with times set from 30 seconds for the entry level puzzle up to 10 minutes for a multi-island task. \$34.95

Psygnosis Limited, 29 St. Mary's Court, Brookline, MA 02146, (617) 731-3553

Night Dawn

Arcade/strategic game. Ten levels that are very challenging. Excellent sound effects and superb graphics. \$29.95

InnerPrise Software, Inc., 128 Cockeysville Road,
Hunt Valley, MD 21030, (301) 785-2266

◆ Night Shift

Night Shift is an arcade-style computer simulation of a whimsical toy factory. To keep up with increasing demand for its Star Wars and Indiana Jones toys, toy factory Industrial Might & Logic hires a night shift worker who must contend with ever-increasing quotas. In the process, the worker has to cope with equipment failures, lawyers, lemmings, and a surly boss to boot. Includes 30 'shifts,' with gradually increasing challenge. Choose to play as either Fred or Fiona Fixit. Suitable for ages 10 and up. \$39.95

Lucasfilm Games, P.O. Box 10307, San Rafael, CA 94912, (800) 782-7927

Nitro

Choose your car, grab the wheel, and go. Speed through the cities, deserts, forests, and wastelands, competing in over 30 grueling races, day and night, in a mad dash for the checkered flag. Pop in the shop to soup-up or repair your machine. Pedal-to-the-metal fun in the inimitable Psygnosis style. \$39.99

Psygnosis Limited, 29 St. Mary's Court, Brookline, MA 02146, (617) 731-3553

Nobunaga's Ambition

This is a simulation game based on Japan of the 16th Century. A group of feudal lords called Daimyo ruled Japan in the 16th century. Each has a single wish: to become Shogun and rule the

entire nation. Nobunaga's Ambition is a military, economic, and diplomatic simulation for one to eight players. As Nobunaga, you start with one fief and try to take the entire nation. A game of both strategy and tactics, success takes careful planning and opportunism. \$59.95

Koei Corporation, 1 Bay Plaza, Ste. 540, 1350
Bayshore Plaza, Burlingame, CA 94010,
(415) 348-0200

◆ North and South

Capture the excitement of the Civil War's greatest battles. Now you can relive history as you march on Atlanta or storm Savannah. Or rewrite history with a Confederate conquest. North and South gives you sophisticated military strategy with an entertaining plot. Humorous characters and situations keep the play fun and can catch even the most experienced player off guard. Multiple levels of difficulty and two modes of play. \$44.95

Data East USA, Inc., 1850 Little Orchard Street,
San Jose, CA 95125, (408) 286-7080

◆ Nuclear War

A comical computer game of strategy and tactics. Competing against four computer-controlled opponents, the player must lead his country to global supremacy while fending off nuclear strikes, propaganda attacks, and some interesting oddities. \$49.95

New World Computing Inc., 20301 Ventura Blvd,
Ste. 200, Woodland Hills, CA 91364,
(818) 593-3455

Obitus

You're in the depths of your own worst nightmare...but this time there is no waking up. Lost and alone in a dangerous and alien medieval world, you must discover where you are, how you got there, and how to get out! Silky smooth scrolling through forest labyrinth mazes, first person perspective confrontations and dialogue with a cast of characters who may help or hinder your progress, parallax scrolling action scenes, and diabolical surprises in a brand new genre of Psygnosis game. Roger Dean limited T-shirt in each box. \$59.99

Psygnosis Limited, 29 St. Mary's Court, Brookline, MA 02146, (617) 731-3553

Offshore Warrior

A sport has evolved where powerful boats battle against the elements and their opponents. The warriors fight for victory against each other while trying to survive the dangers of rocks and waves. Throttles at the limit, the warriors struggle to control their boats by jumping waves, avoiding rocks, and firing at their opponents. Can you survive the pressure of a do-or-die situation? Start your engine. \$39.95

Titus Software Corporation, 20432 Corisco St.,
Chatsworth, CA 91311, (818) 709-3693

Omega

Strive to design the future's ultimate military sybertank in Omega. You have been placed as an engineer for the Organization of Strategic Intelligence and your mission is to integrate chassis components and create artificial intelligence in an attempt to build the world's supreme sybertank. Choose from 10 chassis types, ten drive systems, eight weapons types, nine special items, and ten scanner types. Then test your design on a simulated field of combat. \$49.95

Origin Systems, Inc., P.O. Box 161750, Austin, TX 78716, (512) 328-5490

Omni-Play™ Basketball

Imagine owning, coaching, and managing your own basketball team and playing some fast action hoops too! Includes SBA League and End View Game Modules which allow you to build your own team. Determine play-off structures, season lengths and more. Recruit new players or improve the current roster at training camp. You can even trade players to other teams. Players not only age year after year, but can suffer injuries. Down on

the hardwood, you can play too. Pass, shoot, slam dunk, double-team, break backboards, and much more. \$34.95

SportTime Computer Software, 3941-E So. Bristol
St. Ste. 551, Santa Ana, CA 92704, (714) 966-0207

Omni-Play™ Horse Racing

Omni-Play™ Horse Racing is a two-disk set which gives up to four players the chance to test their handicapping skills against each other and up to nineteen computer opponents at the same time. Go for the quick kill by betting on long shots, Triples, Exactas, and Quinellas, or play more conservatively by betting on the favorites to Win, Place, or Show. Whatever your strategy, there are plenty of stats available, including the past ten race results of all 128 horses at each track, the Morning-line Odds, payoff displays, and post position histories. Jockeys have their own personalities and mood swings. Track conditions can be dirt, grass, or mud, and you can even buy tips from your competitors! Includes digitized sounds. \$34.95

SportTime Computer Software, 3941-E So. Bristol
St. Ste. 551, Santa Ana, CA 92704, (714) 966-0207

One to One Match

A memory game for children ages 4 to 14. No reading is required to play this game and the program autoboots. This game talks! All pictures are named. Children develop their powers of concentration and expand their vocabulary by pairing up beautifully illustrated objects in one of seven categories. The categories begin with simple concepts and progress to the complex: from planets to the big bang, from triangles to tetrahedrons, from simple numerals to fractions, from notes on the treble clef to classical melodies. The child's vocabulary is expanded by learning the national flags, continents and oceans, date, time, and money. Added for both fun and enrichment are flowers, trees, leaves, sea life, breeds of dogs, cats, and horses. Five different ways to play the game (three with the computer as the partner) and three different card layouts (20, 30, or 42 cards) provide flexibility for the player. Runs on all Amigas 512K minimum. \$39.95

Computer Sight, 4522 Santa Rita Rd., El Sobrante, CA 94803, (415) 222-2638

◆ Operation Combat

Digitized sounds of gunfire, air support, and movement of your troops take you right into battle. Fight in the deserts of the Middle East or the jungles of Asia with the firepower equal to that of United States forces in Saudia Arabia. With six battlefields and five scenarios to choose from, Operation Combat challenges your wits and your courage. Remember, in war there can only be one victor! \$49.95

Merit Software, Inc., 13635 Gamma Road, Dallas, TX 75244, (214) 385-2353

Operation Wolf

When terrorists must be stopped, Operation Wolf gets started. This commando-style attack adventure explodes with action from start to finish. In the steamy jungles of South America, heavily armed extremists are holding innocent civilians hostage. The only way to rescue the hostage is to get in, strike hard, and get out, FAST! \$39.95

Taito Software, Inc., 267 West Esplanade, N.
Vancouver, B.C., Canada V7M 1A5,
(604) 984-3344

Operation: Cleanstreets

You are Cleanup Harry, the city's toughest undercover cop. You've been assigned to get rid of the pushers and punks who control the city streets. Outfight your foes every step of the way; punching, kicking, dodging. And your mission's not over until all five levels are cleaned up. \$39.95

Broderbund Software Inc., 17 Paul Drive, San Rafael, CA 94903, (800) 527-6263

Graphic Arts
Desktop Video
Word Processing
Desktop Publishing
Music
Education
Business & Home Productivity
Programming
Utilities
Entertainment
Miscellaneous Software
Drives
Memory Expansion
Accelerators
Video Hardware
Miscellaneous Hardware
Accessories & Services
Books & Tapes
CDTV
PDS Guide
AMICUS Index
Fred Fish Index
Vendor/Product Registration
AC Back Issue Index
User's Groups
Vendor Information
Product Index by Product
Product Index by Vendor
Category Index
Last Minute Additions

Orge

Your army must contend with a huge cybernetic tank code-named Orge, which is armed with missiles, guns, and armor plating several feet thick. \$29.95
Origin Systems, Inc., P.O. Box 161750, Austin, TX 78716, (512) 328-5490

Out Run by Sega

Take the ride of your life in the home-computer version of Sega's arcade megahit. This baby's sleek, smooth—the fastest thing on four wheels. Floor the gas pedal and let her ride past the beaches of southern France, California's Death Valley, cities, mountains, and vineyards. \$49.95
Mindscape, A Software Toolworks company, 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

Overdrive

An arcade adventure game for all Amigas. Begin play with the choice of six pilots, six ships, and wide range of different modules and armaments—900 different combinations in all. Game has four levels: Artificial Planet—liberate the colonists from pirates; Space—rescue cargo ship; Inside Asteroid—destroy pirate headquarters; Surprise. \$59.95
Infacto, 1004 West Rose Circle, Los Altos, CA 94022, (415) 968-0813

Overlord

Imagine a universe that holds only a small group of planets. Each planet is a barren shell waiting to be given life. Imagine further that within this universe there exists the forces of good and evil. Having only a single Starbase to work from, you set out in ships of your own design, and use them to colonize the barren planets. You must also recruit, train, feed, and arm a galactic force to protect these colonies from your evil foe. Strategies are needed, taxes must be imposed, mining operations need to be set up, and farms need to be established. \$49.99
Virgin Mastertronic International, 18001 Cowan Street, Ste. A & B, Irvine, CA 92714, (714) 833-8710

Overrun!

A modern land warfare simulation where Europe and the Middle East serve as near-future battlefields. Set in 1992, Overrun! includes helicopters and new and near-future weapon systems. Provides powerful tools so you can easily create your own maps, troops, and missions, making the game a complete construction set as well. Simulate single battles or an entire campaign. \$59.95
Strategic Simulations, Inc., 675 Almanor Avenue, Sunnyvale, CA 94086-2901, (408) 737-6800

P.G.A. Championship Courses

Developed to work with Accolade's MEAN 18 golf simulation. Package contains five different courses: Firestone South, Pinehurst #2, Oakland Hills, Oakmont, Southern Hills. \$10.00
Moonlight Development, 329 Shoreline Place, Decatur, IL 62521

P.G.A. Tour Courses I

Developed to work with Accolade's MEAN 18 golf simulation. Package contains five different courses: Doral Blue Monster, Torrey Pines South, TPC at Sawgrass, Cypress Point, and Indian Wells Bob Hope course. \$10.00
Moonlight Development, 329 Shoreline Place, Decatur, IL 62521

P.O.W.

Every red-blooded American is sickened by our enemy's injustice toward our men who gave so much for their country. Many of our boys are still over there and you're going to get them out. Armed with your Actionware Phaser (sold separately), you set the strategy to adventure behind enemy lines and shoot your way to our boys and bring 'em home. Also uses mouse. \$39.95
Actionware, 38 W. 255 Deerpath Rd., Batavia, IL 60510, (800) 848-2333

PGA TOUR Golf

Enter the world of big-time golf. See TV-style graphics with aerial fly-bys of every hole, multiple shots of the ball in flight, announcers, and pro tips. Tee off against 60 top PGA TOUR pros. Compete in real tournaments like the Kemper Open and THE PLAYERS Championship. Play the TPC's at Sawgrass, Avenel, and more. A 3-D putting grid, five types of swings, 12 ball lies, it even tracks your game with pro stats.
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

PIXOUND™

Pixound is a radical new concept in musical software, transforming visual art into music. Unlike other programs, which provide the computer equivalent of a light show, Pixound allows you to use the musical fingerprint of any image to create, play, and record complex new music. The novice musician or computer user can move from Bach to Rock by simply moving the mouse. The virtuoso, too, will thrill at the Pixound adventure of playing a new and unique instrument with every new screen. \$99.00
Holographophone Research, 638 Summit Ave., St. Paul, MN 55105-3435, (612) 228-9142

Paladin

Animated fantasy-combat game for one player. The game features 10 character combat squads, multiple level combat, magic, assorted weaponry. The Paladin Package also includes a quest builder so you can build your own quests. \$39.95
Omnitrend Software, Inc., 15 Winchester Court, Farmington, CT 06032, (203) 678-7679

Paperboy

Tackle the action-packed job of a paperboy in this arcade. Deliver papers to subscribers (and smash the windows of non-subscribers) as you avoid cars, workmen, cats, lawnmowers, and burglars. Then, head out to the Paperboy Training Grounds for bonus points. \$49.95
Mindscape, A Software Toolworks company, 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

Parachutes at Kanev

September 1943, WWII, Eastern Front, Germans vs. Russians. Battalion level, featuring first Russian parachute drop—the fog of war. All new breakthrough-neural networking—the more you play, the better the computer learns your tendencies, making for a very intelligent computer opponent! \$40.00
3W Computer Games, Inc., P. O. Box F, Cambria, CA 09342, (805) 927-5439

Persian Gulf Inferno

Arcade action and role playing. Superb graphics and digitized sound. Excellent story—you must save hostages and disconnect a nuclear bomb on an oil rig. \$39.95
InnerPrise Software, Inc., 128 Cockeysville Road, Hunt Valley, MD 21030, (301) 785-2266

Pick'N File

A multitude of colored balls falling from the sky and it's your job to make them disappear. To do so, you must swap shapes, create columns, and empty the screen before time runs out. Once a screen is completely void of balls, you move on to the next level. As the pace picks up and the difficulty increases, players must rely on their reflexes and agility to move onward. Many obstacles fall in your path. Watch out for the Death-heads which make time run out twice as fast, Flames that burn potential points, and Flower Pots which break shapes and prevent column formations. \$39.95
UBI Soft, distributed by Electronic Arts, 8/10 Rue de Valmy, 93100 Montreuil Sous Bois, France, (800) 245-4525

Pictionary by Domark

Pictionary is played by guessing words that are drawn either by the computer or team members. While playing in teams, players sketch the clues on-screen for teammates to guess before the allotted time runs out. Individual players try to

beat the clock, and guess while the computer sketches the clues. A game board is included that will automatically roll the die and keep track of the players progress. \$39.95
Broderbund Software Inc., 17 Paul Drive, San Rafael, CA 94903, (800) 527-6263

Pipe Dream

Pit your pipefitting prowess against a surging sea of sewage. Your objective is to build the longest possible continuous pipeline, racing against a stream of chemical fluid called Flooz. Piece together the pipeline from various shapes of pipe, which appear in a random order. There are 36 increasingly challenging levels. Play solo, against a friend or team up in a joint battle against the computer. But if you slow down for a second, it's Sludge City! \$39.95
Lucasfilm Games, P.O. Box 10307, San Rafael, CA 94912, (800) 782-7927

Pirates

A 17th-century Caribbean adventure. You're a privateer captain in the thick of the action on the Spanish Main. Challenge your reflexes with simulated sailing, sea and land battles, and swordfights. Experience romance and intrigue from more than 50 foreign ports.
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (301) 771-1151

Planet of Lust

Adult graphics/text adventure game. Sequel to Sex Vixens from Space. \$39.95
Free Spirit Software, Inc., P. O. Box 128, 58 Noble St., Kutztown, PA 19530, (215) 683-5609

Platoon

Experience the full dramatic impact of this Academy Award-winning film. Lead your platoon through the war-torn jungles of South East Asia, picking up desperately needed food and supplies along the way. You must remain constantly alert, as deadly surprises await you in every bunker, secret tunnel, foxhole, and village. It's a question of survival against bold guerilla fighters, unseen snipers, elaborate booby traps, and surprise napalm air strikes. \$44.95
Data East USA, Inc., 1850 Little Orchard Street, San Jose, CA 95125, (408) 286-7080

Pocket Rockets

Better watch out! Take a test ride on Pocket Rockets, the high-speed motorcycle simulation game. Experience all the thrills and spills of high-speed racing with machines that take you from zero to 60 in under four seconds. Pocket Rockets lets you choose from four of the quickest, most exotic bikes on the planet. The action is as real as the adrenaline you'll feel. \$39.95
Capcom, U.S.A., 3303 Scott Blvd., Santa Clara, CA 95054, (408) 727-0400

Poker

Your Amiga will play the roll of up to four saloon card sharks who are after all your money. Playing against these four will truly get you warmed up for a real game of Poker! Call your game when your time comes around to deal. Poker is totally mouse operated and has built-in instructions that can be recalled any time during operation. \$34.95
Software Factory, The, 4574 N. Linda Vista, Boise, ID 83704, (208) 378-0836

Poker Solitaire

Play twelve hands of stud poker simultaneously. Strategy game allows two players or one against the clock. Multiple skill levels challenge even the expert.
Ethos Development, 3617 Lawson Blvd., Delray Beach, FL 33445, (407) 496-0843

Police Quest

Mature, authentic law enforcement simulation designed by a California Highway Patrol veteran. Manual describes police procedure; crime computer gives court information on suspects. \$49.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 326-6654 orders

Police Quest II

The Vengeance! Police Quest is one of the most original adventure series in computer history, with authentic police regulations to follow and real-life situations to encounter. Police Quest II lets you experience life as a homicide detective, as you track down the escaped convict—The Death Angel! Now available in Japanese. Requires 1 MB. \$59.95

Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 326-6654 orders

◆ Pool of Radiance

All monsters, items, and spells are from the famous AD&D Monster Manuals, Dungeon Masters Guide, and Players Handbook. Roll up your characters from four Classes, six Races and nine Alignments in classic AD&D fashion. Personalize your heroes' combat figures with individual weapons, armor, and colors. \$49.95

Strategic Simulations, Inc., 675 Almanor Avenue, Sunnyvale, CA 94086-2901, (408) 737-6800

Populous

Earthquakes are serious fun. Deities are the all-powerful rulers of the worlds, but two deities in one world is one too many. You give them good land. You tell them when to farm and when to fight. You make them content beyond their wildest dreams. But then they become raging arsonists. What's a deity to do? \$49.95

Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Populous: The Promised Lands

Populous: The Promised Lands is an accessory disk that adds five new landscapes to the hit game Populous™. Adding The Wild West, Révolution Française, Blockland, Sillyland, or The Bit Plains to Populous™ will virtually give you a whole new game. You'll need to invent new strategies to conquer 500 more worlds, or you can use the lands to build your own worlds to conquer. \$14.95

Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Power Pinball

Pinball Wizard never had it so good! Power Pinball is a truly realistic simulation of a pinball machine. You can play one of several included machines, or design your own! Import IFF sounds and graphics from your favorite paint program. With Power Pinball you can take the wizardry to a whole new level! \$39.95

KarmaSoft, P.O. Box 1034, Golden, CO 80402, (303) 277-1241

◆ PowerMonger

PowerMonger takes you to a living world where each individual has a home, an occupation, and a level of intelligence—all must be accounted for in your strategy. PowerMonger casts you as the leader of a displaced tribe newly arrived in an uncharted territory. There are 200 territories to conquer before the world is yours. To unite the land under your rule, you must win the allegiance of the people by force, negotiation, or outright bribery. \$49.95

Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Powerdrome

3-D racing action. Suspended in air, keep your racer from crashing into floor, walls, and roof. Strain to hold a flight line against crushing g-forces and buffeting aerodynamic loads. Push man and machine to the limit—stretch the flight envelope for the fastest lap times. Enter the robopits for engine repairs and body part replacement. Full tune-up facilities. Adjust the airbrakes and flaps, select the best fuel and filters for each planetary atmosphere encountered. Tune your typhoon into a winning machine. When you really cream your machine, the rescue-recovery vehicle tows you back into the pits. Travel to five different planets to race in different gravities,

atmospheres and climates. Perfect your racing technique on the Oval track before attempting more treacherous courses. Advanced courses test every skill you possess. Featureless straight-aways plummet into dimly lit caverns. Sweeping bends curve up towards the sky. Fight for the flag against four aggressive rivals, each with his own strategies and racing styles. Set up a datalink between two computers for head-to-head racing action. \$49.95

Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Powerstyx

Battle your way through chomping skulls, perilous scissors, deadly crosses, and heart-pounding time restrictions in this action-packed game. You as the artist must conquer these obstacles before revealing the final masterpiece, hidden behind each treacherous screen. \$34.95

DigiTek Software, 8910 N. Dale Mabry Executive Center, Tampa, FL 33614, (813) 933-8023

◆ Prince of Persia

You are a young adventurer from a far-off land, and the Sultan's beautiful daughter has fallen in love with you. But the Grand Vizier Jaffar has other plans. In the Sultan's absence, he has thrown you in prison, and given her an hour to choose: Marry him or die. You'll need acrobatic agility, superb swordsmanship, and brilliant puzzle-solving ability to save her. Twelve levels with more than 250 increasingly difficult screens. \$39.95

Broderbund Software Inc., 17 Paul Drive, San Rafael, CA 94903, (800) 527-6263

Prison

The year is 3033. Criminals are no longer sent to jail, they're sent to a penal colony on the abandoned planet, Altrax. You have been wrongfully convicted of a crime and sent there. Your only hope for life is to find a rumored space pod and escape. Game play and lighting affected by Game Day-Cycle; communicate and interact with other game characters. Requires joystick. \$39.95

Actionware, 38 W. 255 Deerpath Rd., Batavia, IL 60510, (800) 848-2333

Pro Tennis Tour

In Pro Tennis Tour, you are a professional tennis player, ranked 64th in the world. Your objective is to improve your ranking by participating in major championships such as the Australian Open, French Open at Roland Garros, U.S. Open, and Wimbledon. Each championship event is played on its unique surface, whether its grass, clay, or cement. Pro Tennis Tour has six training programs where you can play either an opponent or against the computer. The on-screen scoring display, realistic sound effects, and two-player option give Pro Tennis Tour the look and feel of an actual tennis game. Improve your service, master your tennis strokes, and enjoy the 3-D instant replay feature of your best shots. See CDTV section also. \$39.95

UBI Soft, distributed by Electronic Arts, 8/10 Rue de Valmy, 93100 Montreuil Sous Bois, France, (800) 245-4525

Professional Football Simulation

You choose the game strategy and call the play. By utilizing true artificial intelligence routines, the computer uses the probability of the play's success against the defensive formation to determine the outcome. Allows modem play, and keeping of individual stats of leagues, and comes with standard playbook containing all the popular offensive and defensive plays. \$44.95

MicroSearch, Inc., 9896 Southwest Freeway, Houston, TX 77074, (713) 988-2818

Prospector In The Mazes Of Xor by Logotron

Limited action-packed adventure game with a non-violent theme. Two prospectors, Herb and Pip are trapped in the labyrinths known as the

Mazes of Xor. In order to escape, they must collect the 845 blue balloons which are hidden in the mazes before Xor captures them. There are 30 different mazes available, plus an extra 15 that you can create using the maze constructor for a grand total of 45 different mazes and endless hours of enjoyment. \$39.95

Eurosoft International Inc., 70 Woodfin Place, Ste. 400, Asheville, NC 28801, (704) 255-7590

Puppy Love

Entertainment software package, you adopt a puppy and teach it tricks to perform at a dog show. User creates the routines puppy will perform using beginner level programming. Teaches basic techniques. \$29.95

Addison-Wesley, Jacob Way, Reading, MA 01867, (617) 944-3700

QIX

There is no cure for QIX FEVER! Your mind is your only weapon. The treacherous Qix is a deadly computer virus. In this electrical world of hi-tech infections, you need all the mental dexterity and superior strategy you can muster to escape packs of roving SPARX, SPRITZ, and waves of wandering energy to conquer this force. \$39.95

Taito Software, Inc., 267 West Esplanade, N. Vancouver, B.C., Canada V7M 1A5, (604) 984-3344

Qsolve 1.0

Cube game based on Rubik's cube. Test your skill to solve problems of increasing difficulty. Descend through a chain of challenges from easy to super hard. Disk includes a collection of interesting pretty patterns. \$29.95

Computer Creations, 259 Thornton Rd., N. Oshawa Ontario, Canada L1J 6T2, (416) 576-2023

Quest for Glory II: Trial by Fire

As in the first game in the series, players construct their characters from the ground up. Players who have completed Quest for Glory I may bring their seasoned Heros to play in this second installment. Set among the mystical and exotic background of the Arabian Nights, Trial by Fire reaches new heights of humor and adventure. Requires 1MB memory. \$59.95

Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 326-6654 orders

◆ Quest for Glory: So You Want to be a Hero

Players will construct a character from the ground up, combining basic attributes of strength, agility, charisma, and intelligence into game characters. It's a combination of fantasy role-playing with the basic adventure game concept of going to a world and exploring it, finding things, and solving puzzles.

Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 326-6654 orders

Questron II

As a player you will travel back in time to stop six wicked sorcerers from creating a magic book of evil. \$49.95

Strategic Simulations, Inc., 675 Almanor Avenue, Sunnyvale, CA 94086-2901, (408) 737-6800

Quizam!

Destroy eight alien satellites by answering strange trivia questions. Over 2000 questions in 16 subject areas, or create your own questions. eight levels of difficulty. \$34.95

Interstel, Distributed by Electronic Arts, (800) 245-4525

◆ R/C Aerochopper Flight Simulation System

R/C Aerochopper Flight Simulation System on your home computer puts you as close to real R/C flying as you can get. It is designed to stimulate the experience of real flight and with the feel of actual radio hardware, can put you 'at the controls' of a number of different airplanes, helicopters, ducted-fan jets, and even a glider. Various flying conditions can be set up by selecting one of 22

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different, pre-programmed aircraft utilizing seven different aircraft images. Each R/C Aerochopper Flight Simulation System includes a Futaba Conquest dual joystick transmitter box with interface cable, programmed computer interface cartridge and owners manual.

Ambrosia Microcomputer Products, Inc., Ste. 371,
98 W. 63rd St., Willowbrook, IL 60514,
(708) 655-0610

RVF Honda

Simulation of formula-like motorbike racing.
\$39.95

MicroProse Software, Inc., 180 Lakefront Drive,
Hunt Valley, MD 21030, (301) 771-1151

Rambo III

Get Rambo on your team! As Rambo, the world's most popular and recognizable hero, you stage a daring rescue of Colonel Trautman. Soviet commandos are holding him captive 30 miles over the Afghanistan border. The mission: Get in. Get out. Meanwhile saving the Colonel, bombing the Soviet compound, and using hijacked tanks and choppers to make a run for the border. \$34.95

Taito Software, Inc., 267 West Esplanade, N.
Vancouver, B.C., Canada V7M 1A5,
(604) 984-3344

◆ **Ramify**

Thousands of years ago royalty and common men alike played games consisting of pits and using pebbles or jewels as playing pieces. Sometimes the games were played for high stakes, including rubies, sapphires, and slaves. Ramify is based on these Mancala games. We believe you will find it as addictive as the kings and maharajahs of old found it, and we have modernized it for your computer. In this version you are playing for megabytes of RAM chips. \$39.95
Expert Services, 5912 Centennial Circle, Florence, KY 41042, (606) 371-9690

Rampage

Smash and trash. Go ahead get it out of your system, lose your temper, smash a skyscraper, trash a city, have an office building for lunch. Go on a rampage. Includes one- or two- player options, choose any of three mischievous monsters to control, 147 different cities to trash. Super colorful graphics and arcade-style animation. \$39.95

Activision, See Mediagenic

Rastan

This arcade epic transports you to the ancient and mythical land of Lograth. Be the invincible war lord, Rastan, and kill off a host of evil Lords, slay deadly dragons, and capture life-giving magical powers as you try to defeat the mighty Castle King. Be sure. Be swift. Be brave. You have the power to triumph; use it well. \$39.95

Taito Software, Inc., 267 West Esplanade, N.
Vancouver, B.C., Canada V7M 1A5,
(604) 984-3344

Rebel Charge At Chickamauga

The Blue and The Gray. Recreation of the two-day battle in 13 turns, each representing two hours of real time. The battlefield is shown on a 64 x 54 square-grid map. Offers zoom in for a tactical map and zoom out for strategic playing. Compete against another player or the computer in The Basic Game, Intermediate, or The Advanced Game. \$59.95

Strategic Simulations, Inc., 675 Almanor Avenue,
Sunnyvale, CA 94086-2901, (408) 737-6800

Red Lightning

When Red Lightning strikes, World War III begins. As the Soviet player, your mission is to sweep aside NATO forces and capture the Ruhr. As the NATO commander, you have the more challenging task of repelling the invasion, while maintaining the alliances. Advanced weapons used in modern land and air combat, such as the Soviet T-80 tank and U.S. F-117 Stealth Bomber. We've created a game that takes into account the probable number and makeup of units for each side in the near future. Three scenarios, five dif-

ficulty levels, and multiple options challenge the avid wargamer to explore the possible outcomes should World War III erupt. \$59.95

Strategic Simulations, Inc., 675 Almanor Avenue,
Sunnyvale, CA 94086-2901, (408) 737-6800

Red Storm Rising

Red Storm Rising focuses on the tactical operations of an American nuclear attack submarine after a crushing invasion of Western Europe by the Warsaw Pact. The player's mission as submarine commander is to locate and destroy Soviet submarines and surface vessels as they leave their base near the Arctic Circle, before they can reach the Atlantic to disrupt the shipping of U.S. men and supplies to the battle front. Based on Tom Clancy's best-selling novel of the same name, the game presents the player with five types of radar and sonar devices, five classes of sub-launched missiles, and three versions of programmable torpedoes. The high-tech gear produces a riveting effect, and with all the data and high-tech decisions the player has to make, the pressure of playing cat and mouse with another sophisticated submarine can be awfully intense! \$54.95
MicroProse Software, Inc., 180 Lakefront Drive,
Hunt Valley, MD 21030, (301) 771-1151

Reel Fish'n

How many days can a small business owner take off from the shop with out losing out? Depends on whether his days at the lake are profitable. Join him in this fishing simulation game and spend a sunny day reeling in fish. \$44.95

Interstel, Distributed by Electronic Arts,
(800) 245-4525

Renegade

2 A.M. is no time to be alone in the subway, and you are about to find out why. The blistering fast-paced street style karate action takes place on subway platforms, old shipping piers, and seedy city streets. Defend yourself from multiple attackers and out maneuver the local motorcycle gang. If Big Bertha and her whip wielding friends don't finish you off, the skin heads and their razor knives just might. \$34.95

Taito Software, Inc., 267 West Esplanade, N.
Vancouver, B.C., Canada V7M 1A5,
(604) 984-3344

◆ **Renegade Legion: Interceptor**

Take command of a fighter squadron and fly with the Elite Forces of either side in the never-ending wars between Terran Overlord Government and the Commonwealth. Dogfight with deadly 69th century starfighters—24 standard fighter types are included, or custom design your own. Arm fighters with high-tech weaponry, such as mass-driver cannons, lasers, electron and neutron particle guns, and many types of missiles. Fly over a dozen mission types, including anti-piracy, space station defense, enemy fleet interceptions, and wild melee engagements. \$59.95

Strategic Simulations, Inc., 675 Almanor Avenue,
Sunnyvale, CA 94086-2901, (408) 737-6800

Rick Dangerous

Rick Dangerous combines fast-action arcade adventure with humorous graphics and strange sounds to give gamers an alternative to the fight-to-the-death genre of entertainment software. The hero, armed only with a six-shooter, some dynamite, and a big stick spends most of his time trying to stay alive amidst the chaos and mayhem of a variety of exotic, dangerous locales. Rick fights for his life in four scenarios: an Amazon temple, where Rick must dodge hostile tribesmen; an Egyptian pyramid, where Rick squares off against ruthless assassins; a Nazi prison camp, where Rick fights to free Allied POW's; and a Nazi missile base, where Rick is the last hope of the free world. Each scenario calls for fast reflexes and the ability to solve puzzles appearing at a moment's notice and leaving little time to find the answer. \$34.95

MicroProse Software, Inc., 180 Lakefront Drive,
Hunt Valley, MD 21030, (301) 771-1151

Rick Davis's World Trophy Soccer

The new state-of-the-art in sports simulation. Arcade action brings the realism of world class soccer to your home computer in this direct translation of the super high energy coin-op arcade game. Team up with Rick Davis to play soccer better than you've ever played before. Includes real-to-life animation, multidirectional scrolling, accurately simulated free kicks, goal kicks, corner kicks, and throw ins. Single or double player simultaneous action. Pass, tackle and shoot your way through the qualifying rounds with the world's best soccer teams! 512K-\$39.99 & 1MEG-\$49.99

Virgin Mastertronic International, 18001 Cowan
Street, Ste. A & B, Irvine, CA 92714,
(714) 833-8710

◆ **Rings of Medusa**

You are the young Crown Prince of Morenor whose father's kingdom has been stolen by the evil goddess Medusa with her amazing diabolical magic. Your task is to challenge Medusa to the final fight. To do this you will have to conduct trade, find treasures, equip an armada of ships and engage in sea battle, hire warriors for your land army and go into battle, gamble in the Casino of the Trolls, explore 33 cities, 13 castles, and three islands. Find five hidden rings in the kingdom and place them together in the temple of the Athenians to call Medusa into final battle. \$49.95
DigiTek Software, 8910 N. Dale Mabry Executive Center, Tampa, FL 33614, (813) 933-8023

Ringside

World championship boxing. Fight your way through ten opponents to the title. Decide your fighter's name, weight, and age; assign strength points to a variety of techniques. Modify the length of rounds and the rest between rounds. Also features a training mode in which you can train your fighter against the computer or another player. Game saves top ten scores to disk. Super graphics and sound; a must for the boxing fan. One or two player action. \$19.95

MichTron, 3201 Drummond Plaza, Newark, DE
19711, (302) 454-7946

Risk

It's the classic game of world domination! Challenge your powers of strategic planning in this game of fierce attack and vigilant defense, bold strikes, and cunning traps. Victory depends on how you deploy your forces, where you fortify your frontiers, and when you attack your enemies. \$39.99

Virgin Mastertronic International, 18001 Cowan
Street, Ste. A & B, Irvine, CA 92714,
(714) 833-8710

Road Raider

Battle crazy rebel cars, shoot down armies of slimy mutants and test your skills in demolition derby rings in this action-packed road adventure, created by Chris Gray. Three unique game environments, three increasingly difficult levels, a variety of weapons, and add-on car supplies will keep even the most experienced game players challenged. \$39.95

Mindscape, A Software Toolworks company, 60
Leveroni Court, Novato, CA 94949, (415) 883-3000

Robocop

The future of law enforcement is here—and so is one of the best interactive games. You'll experience all the great moments of the blockbuster movie as you become America's true heavy metal hero. As Robocop, your job is simple—wipe out crime. Armed with a heavy-duty cache of high-tech weapons, you make your way past vicious enemies to your ultimate battle with Dick Jones. \$44.95

Data East USA, Inc., 1850 Little Orchard Street,
San Jose, CA 95125, (408) 286-7080

Rocket Ranger/

The Three Stooges Combo Pack

Rocket Ranger: Experience action, romance, thrills, and spills of the old Saturday morning serials. Action begins with an urgent message from the

future—a future that saw the Nazis win WWII. An underground group of scientists in the 21st century risk lives to send you a jet propelled rocket suit, ray gun, and secret decoder wheel. Skillfully used against a cunning and ruthless foe, these devices help you become the superhero that changes history and saves mankind. The Three Stooges: Join the zany masters of mirth as they try to save the local orphanage from the clutches of the evil banker who wants to foreclose. Rescue the old lady and her three beautiful daughters. Situation and digitized voices and sound effects from classic Stooges films. Eye-popping graphics and animation. You'll feel like you're starring in the original Stooges movies. \$49.95
Cinemaware Corporation, 4165 Thousand Oaks Blvd., Westlake Village, CA 91362, (805) 495-6515

Romance of the Three Kings

China's second Han dynasty has collapsed. The entire nation battles with itself as warlords struggle for supremacy. As a warlord, you must defeat your enemies and control the country. Manage the states under your control to increase your power and resources. Cope with disasters, both natural and otherwise, choose good subordinates, and win their loyalty. Do your best to control and manage your empire. \$69.95
Koei Corporation, 1 Bay Plaza, Ste. 540, 1350 Bayshore Plaza, Burlingame, CA 94010, (415) 348-0200

Romantic Encounters at the Dome

Adult text game set in the sophisticated hi-tech private club called The Dome. Play out different personae: be romantic or reckless, etc. \$39.95
Microillusions, P.O. Box 3475, Granada Hills, CA 91394, (818) 785-7345

◆ Rotox

The troopers are Cyborg Class 2-A, approved to carry heavy energy weapons and tactical missiles for off-world combat. Specially constructed landscapes in deepest space provide a nightmare environment of deadly machines and hostile life forms. Mistakes are fatal, but success will lead Rotox to the high powered weaponry he needs to escape. Ten levels, state-of-the-art graphics, and music. Weapons include scatter-bombs, grenade launchers, jet packs, and heat-seeking missiles. \$39.95

U.S. Gold, distributed by Accolade, 550 South Winchester Blvd., San Jose, CA 95128, (408) 246-6607

S.D.I.

It is the year 2017. Ruthless KGB fanatics have just staged a coup d'etat inside the Soviet Union. As Sloan McCormick, young general assigned to implement the S.D.I. project, only you can save the United States from thermonuclear destruction. Will you succeed in rescuing Natalya, the beautiful Soviet commander, from a dreaded KGB torture squad? Will Sloan, single-handedly, destroy a crack Soviet rocket fighter squadron? Pick up a joystick and find out in S.D.I.! \$24.95
Cinemaware Corporation, 4165 Thousand Oaks Blvd., Westlake Village, CA 91362, (805) 495-6515

SLAPSHOT!

Hockey simulation uses digitized audio and team editing capabilities. Includes animated penalty calls and fights. Runs in real time. \$59.95
Bethesda Softworks, 15235 Shady Grove Road, Suite 100, Rockville, MD 20850, (301) 926-8300

SPOC'S FUNBENCH

All machine code, non copy-protected alternative to space arcade violence. Over 20 fun ways to interact with your Amiga! Requires 512K. \$20.00
S.P.O.C., 299 Old Highway 69, Kiowa, OK 74553, (918) 432-5774

SPOCBASIC DISK

Thirty-five original entertainment programs re-worked to run without CLI. No copy protection. Sample \$5.00. \$25.00
S.P.O.C., 299 Old Highway 69, Kiowa, OK 74553, (918) 432-5774

Santa Paravia and Fiumaccio

Strive to become King of your Medieval Italian city/state. Set taxes, buy and sell grain and land, build mills, markets, cathedrals and palaces, and make your town grow. The better your abilities, the higher your rank becomes. One to six players can compete to become King or Queen first! Full graphics. Three levels of difficulty. \$24.95
StarSoft Development Labs, 3500 Aloma Ave. #D-2, Winter Park, FL 32792, (407) 657-7553

Santa Paravia and Fiumaccio (Tournament Version)

As in the original Santa Paravia you strive to become King of your Medieval Italian city/state. Set taxes, buy and sell grain and land, build mills, markets, cathedrals and palaces, and make your own town grow. This time all players meet the same conditions each year. Two to six players may compete to become King or Queen first! Full graphics. Three levels of difficulty. \$29.95
StarSoft Development Labs, 3500 Aloma Ave. #D-2, Winter Park, FL 32792, (407) 657-7553

Savage

In Savage, the player is a powerful warrior searching for his kidnapped princess. To rescue her, the hero must battle his way through three challenging game scenarios. In the first, the hero beginning with only a battle axe must survive the evil creatures, and unavoidable obstacles within a tunnel-ridden dungeon. In the second level of play, Savage is on foot, racing toward the castle where his princess is held captive. The player must negotiate his way through fast-scrolling screens, avoiding the obstacles that appear without warning to intercept him. In the third and final level of play, the hero telepathically communicates with a magical eagle that flies through a mystical maze seeking to complete the quest. More evil demons, strange creatures and lethal traps appear throughout in an attempt to thwart the final stage of the rescue. Savage is a great diversion from the real world. \$34.95
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (301) 771-1151

Scenery Disk #11

Includes the NorthEastern border of the United States. Incredible variety, from industrial Detroit, to beautiful Lake Huron and Niagara Falls. \$24.95
subLOGIC Corporation, 713 Edgebrook Drive, Champaign, IL 61820, (800) 637-4983

Scenery Disk #7

Can be used with Microsoft Flight Simulator to greatly expand the user's flying environment. Features hundreds of miles of coastline, many rivers and roads, railroads, racetracks, and transmitter towers from the East Coast of the USA, in detail from Washington DC down through Key West, Florida. Over 130 airports will challenge the most seasoned Flight Simulator enthusiast. \$24.95
subLOGIC Corporation, 713 Edgebrook Drive, Champaign, IL 61820, (800) 637-4983

◆ Scenery Disk #9

For use with all subLOGIC flight simulation products. The disk covers the Chicago, St. Louis, and Cincinnati sectional areas in unprecedented 3-D detail, and is appropriate for both visual flight (sight-seeing) and VFR or IFR cross-country navigation. Scenery Disk #9 covers more than 300,000 square miles of the midwest United States with over 150 airports and more detailed cities than ever before. \$29.95
subLOGIC Corporation, 713 Edgebrook Drive, Champaign, IL 61820, (800) 637-4983

Scrabble

Play Scrabble with friends or against the ultimate opponent, your own computer. Build your vocabulary and strategic abilities by playing through the different skill levels, from beginner to advanced. An ingenious combination of strategy and luck makes this game beloved of word lovers and gamers alike. \$39.95
Virgin Mastertronic International, 18001 Cowan Street, Ste. A & B, Irvine, CA 92714, (714) 833-8710

Second Front

A division-level strategic game on a grand scale that will appeal to advanced wargamers. The map extends from Berlin in the West to Stalingrad in the East and covers the entire Russian Front. One or two players command over 150 German divisions and over 200 Soviet divisions, with asset information available to the individual tank, plane, and infantry squad level. \$59.95
Strategic Simulations, Inc., 675 Almanor Avenue, Sunnyvale, CA 94086-2901, (408) 737-6800

Seconds Out

Real-time, arcade action boxing game. Superb animation and game play, with a touch of humor. Take on five different opponents in your quest for fame and fortune and a coveted World Title. \$29.95
StarSoft Development Labs, 3500 Aloma Ave. #D-2, Winter Park, FL 32792, (407) 657-7553

◆ Secret Weapons of the Luftwaffe

High-quality color graphics, historically accurate WWII missions and aircraft. Opportunity to fly advanced German planes still in development during the war. Detailed graphics and realistic sound effects. Multiple camera angles and replay feature. Available in June. \$59.95
Lucasfilm Games, P.O. Box 10307, San Rafael, CA 94912, (800) 782-7927

Seven Cities of Gold

Rewrite history as Christopher Columbus in this historic adventure game. From the Software Classics™ library. \$19.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Sex Vixens from Space

Adult graphic adventure game. As Captain Brad Stallion you must locate The Tribe, a colony of beautiful female clones from the planet Mondo who have been raiding the male population. Cruise throughout the galaxy in a one-man vehicle. \$39.95
Free Spirit Software, Inc., P.O. Box 128, 58 Noble St., Kutztown, PA 19530, (215) 683-5609

Shadow of the Beast I

An adventure game that takes the player through 13 levels and 350 screens of multi-dimensional, parallax scrolling and other graphics and audio special effects implemented for the first time on the Amiga. You must jump, push, and kick your way above and below ground in this amazingly detailed world, while meeting over 130 varieties of creatures right out of your worst nightmares on your way to the final showdown. If you do manage to survive, don't worry. Shadow of the Beast II, the sequel, is waiting to challenge you even more. See CDTV section also. \$39.99
Psygnosis Limited, 29 St. Mary's Court, Brookline, MA 02146, (617) 731-3553

Shadow of the Beast II

Shadow of the Beast II features a new cast of sinister, intelligent opponents, arcade quality animated sprites, diabolically clever hidden traps and puzzles to solve, multiple inventory control, real time interaction with intelligent creatures, rich new sound effects and speech. Each package is shipped with a limited edition T-shirt designed by Roger Dean. See CDTV section also. \$59.99
Psygnosis Limited, 29 St. Mary's Court, Brookline, MA 02146, (617) 731-3553

Shadowgate

This action begins at the foot of a huge castle filled with menacing creatures, secret passageways, collapsing floors and other surprises. To survive the perils of castle Shadowgate, find the evil Warlock Lord before he summons the Titan Behemoth to destroy the world. \$49.95
Mindscape, A Software Toolworks company, 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

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AMICUS Index
Fred Fish Index
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Last Minute Additions

Shanghai

Strategy tile-matching game based on an ancient Chinese game. Remove the tiles that match the dragon. First player to run out of tiles wins. More complicated than it sounds! \$39.95
Activision, See Mediagenic

Shinobi

Use your Ninja might and magic as you attempt to save the children of the world's leaders from ruthless terrorists in this adaptation of the Sega arcade hit. This game takes you through five rescue missions, each ending with a confrontation with the Master Force. \$49.95
Mindscape, A Software Toolworks company, 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

Shoot 'Em Up Construction Kit

For those people who are certain they can create a shoot 'em up game better than any they've seen at their local software store, Shoot 'Em Up Construction Kit provides them with all the tools to do just that. Three pre-designed games are included on the disk, and game designers can choose to tailor any of these to their own specifications or start from scratch to create an entirely unique game. \$21.95
Accolade, 550 S. Winchester Blvd. Ste. 200, San Jose, CA 95128, (408) 985-1700

Shufflepuck Cafe

Shufflepuck Cafe is a simulated air-hockey game that pits the player against nine different opponents, all of whom are regulars at the Shufflepuck Cafe, a seedy saloon reminiscent of the bar in Star Wars. The habitués are a motley crew from throughout the galaxy. They gather here because they love air hockey and this place has the last known game in the universe. Players can challenge any opponent and a droid keeps score on a chalkboard behind the table. Although each opponent has a unique style of play, they are also intelligent; so they're apt to change their tactics as they play. Players who succeed in winning a tournament get to place their names in the Roster of Champions. To keep the game challenging, several game elements are adjustable, including paddle size, bounce, and hit strength. For even more variety, players can change the playing characteristics of DC3-ALSO, the practice droid. Experienced game players will be challenged by the game's diversity and a range of difficulty. \$39.95

Broderbund Software Inc., 17 Paul Drive, San Rafael, CA 94903, (800) 527-6263

Side-View Game Module

Play Omni-Play Basketball with the new Side-View Game Module and you'll enjoy the sport from a whole new perspective. Coach and/or play down on the hardwood, but now you lead the team as its Center at all times. Run anywhere on the court. Set picks. Call for the ball and teammates will give it to you whenever you want. Drive through the lane and get the quick two, stay on the perimeter and hit for a three-pointer or stuff a rebound back in the basket. Double-and-triple team options are even possible! Enjoy the game from the best seat in the house—down low courtside. From this new perspective and playing mode, see every second of hoop action from the eye of a TV camera following the ball left to right, down the court and back again. Need more thrills? Look for the acrobatic cheerleaders to heat up the action at half-time. \$14.95
SportTime Computer Software, 3941-E So. Bristol St. Ste. 551, Santa Ana, CA 92704, (714) 966-0207

Sideshow

Remember the day the circus came to town? Remember the midway, the freak shows, the popcorn, and cotton candy? Well, the fun and excitement are all back with Sideshow. Spend the day playing the classic circus games like the balloons, the dunk tank, the haunted house, and more, but use the Actionware Light Gun (sold separately) for even more fun. Also uses mouse. \$44.95
Actionware, 38 W. 255 Deerpath Rd., Batavia, IL 60510, (800) 848-2333

Silent Service

Action and strategy. Stalk enemy convoys through the waters of WWII's South Pacific. You make the crucial decisions. \$39.95
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (301) 771-1151

SimCity

The city simulator strategy game. Year 3010: you become mayor and planner of our city. Fully animated with graphics and sound. Features include cars, boats, helicopters, and monsters. Includes eight cities on the verge of disaster: San Francisco before the earthquake, Tokyo before the monster attack, Boston before the nuclear meltdown. See CDTV section also. \$49.95
Maxis, Two Theatre Square Ste. 230, Orinda, CA 94563-3041, (415) 254-9700

◆ SimCity Graphic Set 1—Ancient Cities

Ancient Cities includes Ancient Asia; Medieval Times, and the Wild West. You, as Shogun of Ancient Asia, must lay down enough rickshaw tracks to keep the Sims from jamming the roads on their way to the Sumo wrestling contests. Or being (or queen) for a day and raise gold to build your castle by taxing the rabble (but not so much that they revolt). \$34.95
Maxis, Two Theatre Square Ste. 230, Orinda, CA 94563-3041, (415) 254-9700

◆ SimCity Graphic Set 2—Future Cities

Future Cities gives players access to Future U.S.A., Future Europe, and Moon Colony. In Future U.S.A. and Future Europe, you can build fusion or fission plants to power your gleaming cities. Or shuttle off to the Moon, where you can found your own mining and research colony among craters and dust canals, while repairing meteor damage and fighting off the creeping acidic fungus. \$34.95
Maxis, Two Theatre Square Ste. 230, Orinda, CA 94563-3041, (415) 254-9700

Sinbad and the Throne of the Falcon

You are Sinbad the Sailor, battling dark and mysterious forces in an epic seafaring quest. Get ready for pirates and genies, romance and heartbreak, comedy and tragedy, set in a fantastic universe that begs to be explored. Steel yourself for the ultimate challenge to your skills as swordsman, leader and navigator. The task is formidable, but the lovely princess has begged for your aid. Game features a unique blend of role playing and strategy, combined with dazzling arcade-style sequences. \$24.95
Cinemaware Corporation, 4165 Thousand Oaks Blvd., Westlake Village, CA 91362, (805) 495-6515

◆ Ski or Die

Shred snow in this multi-event winter thrasherland. Carve up a speed-fed snowboard halfpipe, punch the ozone in the acro-aerial ski jump, smash your opponent in the innertube thrash, blast snowballs at unsuspecting targets, and torch your hair in the full-out downhill blitz. Rodney and Lester—everybody's favorite abusive tag team—are back again. Subzero arcade/action madness! \$24.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Sky Chase

Two player, jet fighter simulation game. Super fast flight animation, 3-D vector jets, and full stereo sound. Choose from seven different jets. \$39.95
Maxis, Two Theatre Square Ste. 230, Orinda, CA 94563-3041, (415) 254-9700

◆ Sky Map-Level 1

Sky Map adds more than 20,000 additional 'Distant Suns' to your sky. The data for these stars, such as location, luminosity, etc. was taken directly from NASA's own deep-star catalog, which is comprised of relevant information on over a quarter-million stars. Skymap includes the brightest stars from the catalog, or those with

magnitudes of 7.25 or brighter. The result is visually gorgeous. Data can also be displayed about these stars. Hard disk installable. Two-disk set. \$25.00
Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515

Sky Shark

Strap in for full throttle action! Trapped in enemy territory, you've got to fly your P-40 on a top secret mission through hell. The skies are thick with a deadly rain of armor-piercing artillery fire. They chose you for one reason. You're the best there is. Now you know the score, so aim right and fly tight. The skies are anything but friendly tonight. \$34.95
Taito Software, Inc., 267 West Esplanade, N. Vancouver, B.C., Canada V7M 1A5, (604) 984-3344

Skyblaster

Fast-paced 3-D air/ground combat simulation. Battle planes and tanks from your helicopter. Solid graphics and extremely challenging. Skyblaster will provide hours of entertainment for avid game players. \$29.95
DigiTek Software, 8910 N. Dale Mabry Executive Center, Tampa, FL 33614, (813) 933-8023

Skyfox

It's you alone in your sophisticated warplane against a sky full of enemy planes. From the Software Classics™ library. \$19.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Skyfox II: The Cygnus Conflict

Blast through asteroids at 9000 kilometers/second. Reduce enemy fighters to stardust with Photon Pulse Bombs. Dangerous missions put you face-to-face with deadly Xenomorph fighters who fire with no questions asked. Set a course on the overview map and hit autopilot. When you reach your destination, blast the starbase into another galaxy. \$19.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Slaygon

Save the world from a toxic virus by destroying the Cybordynamics laboratory with your sophisticated military robot, Slaygon. Activate the Slaygon and prepare for the most important mission in the history of humanity. \$39.95
MichTron, 3201 Drummond Plaza, Newark, DE 19711, (302) 454-7946

Slip Stream

The nine streams of the Slip Stream have been overtaken by an alien race who have infested the planet with various defense space crafts. Each craft is powered by a crystal that lies at the end of each stream. Object: Liberate the nine streams by destroying each power crystal. After disembarking from the mother ship, destroy as much of the landscape and defense crafts as possible. Watch out for barriers! \$19.95
MichTron, 3201 Drummond Plaza, Newark, DE 19711, (302) 454-7946

Software Golden Oldies Vol.1

Four great games. Adventure takes you to the depths of the Colossal Cave, where you collect treasure, and try to outwit the perils that lurk in every crevice. Eliza will simulate your conversation with a psychiatrist, and analyze you with unnerving accuracy. In Life, you'll graph new life patterns. And then there's Pong, the first video game and a true classic. \$29.95
Software Toolworks, The, 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

Solitaire

Solitaire is easy to play when you have a mouse to move rows of cards around. This card game is addicting. You may never play solitaire with a real deck of cards again! The only problem with this program, it won't let you cheat. Solitaire is

totally mouse operated and has built-in instructions that can be recalled any time during operation. \$34.95
Software Factory, The, 4574 N. Linda Vista, Boise, ID 83704, (208) 378-0836

Solitaire Royale

Includes eight different variations: Reno, Corners, Golf, Pyramid, 3 Shuffles & a Draw, Klondike, Canfield, and Calculation. Plus three more childrens' games: Concentration, Pairs, and the Wish. \$34.95
Spectrum HoloByte, 2061 Challenger Drive, Alameda, CA 94501, (415) 522-3584

Sorcer Lord

You must free the land of Galanore before the Shadow Lord invades and destroys the land. \$34.95
DataSoft, Distributed by Electronic Arts, (800) 245-4525

Space Ace

Space Ace continues in the tradition of Dragon's with breathtaking graphics, animation, and sound brought to life on the Amiga. Our hero, Ace, is being attacked by the evil commander Borf, who has just kidnapped Ace's girlfriend Kimberly. Borf's plans are to take over the Earth by changing everyone into babies using his dreaded weapon—the Infanto Ray. It is your mission to save Earth. Be valiant, space warrior, the fate of Earth is in your hands! \$59.95
ReadySoft, Inc., 30 Wertheim Court, Unit 2, Richmond Hill, Ontario, Canada L4B 1B9, (416) 731-4175

Space Harrier by Sega

Prepare for the most fantastic space battle ever in the home computer version of this classic Sega arcade hit. Zoom through a spectacular 3-D landscape as you fight off a myriad of bizarre creatures, including slithering serpents, fearless robots, and eerie stone masks throwing fireballs. \$49.95
Mindscape, A Software Toolworks company, 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

Space Quest I: The Sarien Encounter

Space-fantasy spoof featuring Roger Wilco, sanitation engineer turned interstellar swash-buckler who must save his planet against ship-napping Sarians. With 3-D animated graphics, new windowing system. \$49.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 326-6654 orders

Space Quest II: Vohaul's Revenge

Roger Wilco returns in this Vohaul's Revenge sequel as a space hero trying to defeat the evil scientist, Sludge Vohaul. Colorful animated graphics. \$49.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 326-6654 orders

Space Quest III: The Pirates of Pestulon

Once again Wilco is called to battle Pestulon pirates and to save two software authors, The Two Guys from Andromeda, from a shallow life of writing arcade games. \$59.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 326-6654 orders

Space Racer

Twenty-fifth Century racing game. The public's only excitement is the deadly Space Race Tournament. As Earth's champion, you must compete against three planets, three different tracks, and then the finals. Amazing 3-D animation! \$19.95
Broderbund Software Inc., 17 Paul Drive, San Rafael, CA 94903, (800) 527-6263

Space Rogue

Sophisticated 3-D space flight simulation and intriguing role-play. Features superb graphics as you maneuver through twisting worm tunnels, turbulent ion storms, and dazzling shard fields.

Lock onto streaking cruisers with your plasmatorps, zip through treacherous Malir gates as you seek your fortune as a merchant, pirate, or bounty hunter! Includes 90-page novella, reference card, map, and playbook. \$49.95
Origin Systems, Inc., P.O. Box 161750, Austin, TX 78716, (512) 328-5490

Space Spuds

3-D arcade game designed for use with Haitex' X-Specs 3-D Stereoscopic Vision system. Players confront an intergalactic food fight as fat-filled junk food assaults their shapeless ship. Colliding with the junk food causes players to gain weight until they explode. Haitex' X-Specs 3-D glasses offer a 3-D view of the assault. The LCD shutter glasses lug into the second joystick port. The system also allows users to create custom images. Package includes game, X-Specs 3-D glasses, Molecule 3D (a display program), D3-D (displays static images), and Cubes 3-D, a game in which cubes dance right out of the screen. 512K minimum. \$124.95
Haitex Resources, P.O. Box 20609, Charleston, SC 29413-0609, (803) 881-7518

Space War

Space War is outer space combat action at its best. One or two players fight it out for a sector of space. Space War follows in the tradition of classics like Asteroids™ and features arcade-quality graphics and sounds to enhance the heart-stopping action that surrounds your space-faring warship. Play alone or combat another armchair starfighter in the most exciting and dangerous sectors of deep space. Players have a choice of six different ships and four different space sectors. Features include two-player simultaneous play, animated menu screens with narrated digitally-recorded speech, digitized graphics, and giant animated objects. \$39.99
Odyssey Software, P.O. Box 367, N. Eastham, MA 02651, (508) 240-2317

Speedball

Wearing spiked armor bodywear, helmet, and gloves, you'll go face-to-face with some of the meanest goons in the world. Speedball is a total free-for-all. Choose your own team, collect power-up tokens during gameplay, even bribe the officials. Features a complete league system, with 11 teams vying for championship honors. Many strategic options are available—even cheating! \$39.95
Cinemaware Corporation, 4165 Thousand Oaks Blvd., Westlake Village, CA 91362, (805) 495-6515

Spellbound

Just as you were about to advance a grade in the school of magic, your tutor goes and gets himself kidnapped. You have to rescue him or you'll never graduate. Battling through eight diverse and dangerous lands, collecting spells and objects along the way, you use your limited magic powers to fight off deadly adversaries to free your tutor. But it's going to be a tough task on your own: take a friend along to increase your chances and double the fun! \$39.99
Psygnosis Limited, 29 St. Mary's Court, Brookline, MA 02146, (617) 731-3553

Spherical

Enjoy tantalizing puzzles, terrifying pitfalls and blistering joystick action, with more than 100 different levels in both one- and two-player mode. Use your magic wand to create and remove blocks of stone to make a path to new levels for the magical crystal ball. Ghosts, spiders, dragons and other creatures try to block your way as you scurry across the screen, picking up magic potions, power capsules, gravity-reversing diamonds, invincibility tablets, and more. All this as you guide the crystal to its new home, in a race against the clock. \$24.95
Electronic Zoo, 3431-A Benson Ave., Baltimore, MD 21227, (301) 646-5031

◆ Sport of Kings

Formerly Omniplay Horseracing. The thoroughbred in all its splendor and grandeur brings you all the thrills of this royal sport. \$19.99
Virgin Mastertronic International, 18001 Cowan Street, Ste. A & B, Irvine, CA 92714, (714) 833-8710

◆ Spot

Spot comes alive and boogies across your computer screen with commercial-quality graphics and sound. Fully animated game pieces. One to four player modes, played against your friends, computer players, or a mixture of both. Nine selectable levels of computer skill. An on-screen playfield designer so you can customize your own game or select your personal favorite playfield from the 512 pre-programmed playfields. \$39.99
Virgin Mastertronic International, 18001 Cowan Street, Ste. A & B, Irvine, CA 92714, (714) 833-8710

Stable Owners Option Module

By adding the Stable Owners option module to your original Omni-Play Horse Racing game, you'll now enjoy the Sport of Kings from a whole new perspective. The Stable Owners option module allows you to join the elite class of thoroughbred ownership giving you control over the destiny of your own horses. The stakes are high, but so are the rewards. Experience firsthand the trials and tribulations of being stable owner. Put together your own personal stable of Claiming, Allowance, and Stakes Horses. Hire jockeys and match their skills against the competition as you now enter them into the races of your choice. The Stable Owners Option Module provides true fans with in-depth challenge and strategy. Up to four human players can participate at the same time against other computer opponents. \$14.95
SportTime Computer Software, 3941-E So. Bristol St. Ste. 551, Santa Ana, CA 92704, (714) 966-0207

Star Command

Star Command is an exciting single-player game set in the future in the deepest reaches of space. Earth is nothing but a memory, having been destroyed by hostile beings. The player controls a crew of eight star troopers that have been assigned by the Star Command organization to save the remaining inhabitants of the galaxy from pirates and aliens. Characters travel through the galaxy in starships, exploring planets, and space stations in search of objects, people, and enemies. While exploring indoors, a map is created showing the entire area and all of the items (chairs, tables, control panels, etc). The player may engage in hand-to-hand or ship-to-ship combat. \$49.95
Strategic Simulations, Inc., 675 Almanor Avenue, Sunnyvale, CA 94086-2901, (408) 737-6800

Star Control

An action/strategy game. Star Control is set in Earth's future where a 3-D rotating star cluster is your battleground. The large star cluster cannot accommodate all the alien races which make up the Ur-Quan Hierarchy and the Alliance of Free Stars. As a one or two player game you may select battle cruisers from the Hierarchy or Alliance. Star Control contains nine different strategic scenarios each with varying starting and victory conditions. \$49.95
Accolade, 550 S. Winchester Blvd. Ste. 200, San Jose, CA 95128, (408) 985-1700

Star Fleet I: The War Begins

With one of the most powerful fighting cruisers in the universe, protect the Alliance from invading warships. Two dozen commands, sound and animated action, and extensive documentation. \$54.95
Interstel, Distributed by Electronic Arts, (800) 245-4525

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Last Minute Additions

Star Wars

Based on the George Lucas blockbuster, the game pits Luke Skywalker against the Empire's Death Star. \$39.95
Broderbund Software Inc., 17 Paul Drive, San Rafael, CA 94903, (800) 527-6263

◆ Stellar 7

A futuristic arcade game, Stellar 7 combines strategy, hi-tech weaponry, and seven levels of action as players become the earth's only hope against invading Arcturan forces. At the controls of the earth's most sophisticated fighting machine, players will battle forces on seven worlds, and engage in hair-raising final confrontation with Gir Draxon, the supreme overlord of the evil Arcturan Empire. Users can choose between mouse, joystick, and keyboard support. Three-disk set, 32-color graphics, full sound support, and digitized voice. \$34.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 326-6654 orders

Stellar Conflict II

Time is running out on the world. As emperor of the world, you must build up and deploy a fleet of starships to conquer the galaxy planet by planet. Establish galactic empires using cunning and strategy. A true role-playing game! \$39.95
Oxxi/Aegis, 1339 E. 28th Street, Long Beach, CA 90806, (213) 427-1227

Stellar Crusade

Stellar Crusade is an exciting strategy game of exploration, economic power, and military conquest on an interstellar scale. Two fanatical groups embark on a mad race to control a small, but vital star cluster. As the leader of one faction, your task is to send out exploration teams to grab the best planets in the star cluster and colonize them. Next, you must build up your economic strength to prepare for war. This entails allocating raw materials and production points to build shipyards and maintenance facilities; train and supply troops, engage in research and development; establish farms, mines, refineries and factories. To win a star war, you need starships. Design your own and equip them with a host of offensive and defensive weapons. There are seven different scenarios with multiple levels of difficulty: three short, three medium, and one long campaign that spans decades. \$54.95
Strategic Simulations, Inc., 675 Almanor Avenue, Sunnyvale, CA 94086-2901, (408) 737-6800

Storm Across Europe

1939: The fate of Europe is in your hands! The blitzkrieg that Hitler unleashed in 1939 swept across Europe like a terrible storm that raged for six years. Now SSI has designed this fast, exciting game that allows you to simulate the entire war on a grand strategic scale—in as short as one evening! Multiple scenarios and the ability to change starting levels for each country allow for endless variations. Up to three players can play this game, with the computer able to control the Allies and/or the Russians. \$59.95
Strategic Simulations, Inc., 675 Almanor Avenue, Sunnyvale, CA 94086-2901, (408) 737-6800

Street Fighter

Do battle in the back alleys of the Big Apple. In the shadow of ancient Chinese temples. In not-so-jolly old England. And win the grudging respect of eight of the toughest, meanest street fighters on the planet. Forget all the rules. This is strictly survival of the fittest. You'll need power, speed, and plenty of street smarts. Watch out for Geki and his Ninja weapons, Birdie's lethal head butt, and the flying scissors kick of Gen. You've got a few tricks up your karate sleeve; a martial arts arsenal that includes hurricane kicks and dragon punches. Don't hold back for even an instant. No holds barred, best two out of three competition. Fight in England, China, Japan, or the U.S. \$39.95
Capcom, U.S.A., 3303 Scott Blvd., Santa Clara, CA 95054, (408) 727-0400

Street Rod

The complete 50's hot rodding simulator/construction set. Choose from among 25 authentic street rods from a '32 Deuce Coupe to a '63 Vette and customize them with over 35 performance parts. Then cruise down to the drive-in to challenge the locals to either a drag or road race. Win enough bets and pink slips and you may get a shot at the local 'king of the streets'. \$49.95
California Dreams, 130 A Knowles Dr., Los Gatos, CA 95030, (408) 378-0340

Street Sports Basketball

Realistic, street-rules basketball, with teammates recruited from all around the neighborhood. Recruit your three-man team and set up their shots. Rebound off a chain-link fence, and dribble on the grass. \$19.95
EPYX, 600 Allerton Ave., Redwood City, CA 94063, (415) 368-3200

Strikes Aces: International Bombing Competition

In 1984 the skies of North and South Dakota rumbled with the deafening sounds of the world's most powerful attack aircraft as they participated in competitive operations. For this epic event, the armed forces of each of the NATO/WARSAW pact nations were invited to bring their top gun pilots and their best strike aircraft together for a Strategic Air Command (SAC) Bombing Competition. During these extraordinary operations, top gun crews participated in a series of air-to-air and air-to-ground strategic missions, wherein priceless training was received. In this new flight simulation, players recreate this 1984 competition. Combining combat, strategy, and a wide range of challenging strike missions with detailed replicas of 13 different aircraft, Strike Aces allows computer pilots to take to the controls of six aircraft, including a Russian MIG, on 16 different combat intensive missions. \$49.95
Accolade, 550 S. Winchester Blvd. Ste. 200, San Jose, CA 95128, (408) 985-1700

Strip Poker II

Settle in for an evening of sizzling strip poker with Susie and Melissa, each with her own style of play. The more chips you win the better it gets. Additional digitized data disks available at \$19.95 each. \$39.95
Artworx, 1844 Penfield Rd., Penfield, NY 14526, (800) 828-6573

Stryx

Stryx has been designed to have the smallest animated characters without losing detailed definition, so creating the maximum playfield on screen at once. With members of the cast around two-thirds of the size of those found in Barbarian, Stryx is able to feature a substantial number on screen at any one time. Involving three distinct graphic levels and eight-way scrolling, the action-packed strategy game sees the warrior hero Stryx in a fight to the death against Cyborg robots hell-bent on destroying their human masters. Half-man, half-robot himself, Stryx faces the ultimate challenge of recapturing from the Cyborgs the keys to the life force, the fail-safe extermination system developed to prevent such a machine uprising. Only by solving the graphical puzzle can he deactivate the robotic assassins who are wandering the Dome Cities seeking out human life, and ruthlessly destroying it. \$34.95
Psychosis Limited, 29 St. Mary's Court, Brookline, MA 02146, (617) 731-3553

Stunt Track Racer

Race over 200 miles per hour on a narrow track hundreds of feet high, with all the twists and turns of a roller coaster but without the guard rails. You are up against drivers who know these turns and who know how to fly. You're racing to win, and on the stunt track circuit, winning is everything. \$39.95
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (301) 771-1151

Sub Battle Simulator

World War II simulation. Patrol over 20,000 nautical miles as you perform over 60 different missions including seek-and-destroy, rendezvous, and much more. Use any one of six American or German subs. \$29.95
EPYX, 600 Allerton Ave., Redwood City, CA 94063, (415) 368-3200

Super C

Never, not even in the original arcade version, has computer warfare been this devastating. At every level Red's assault will intensify as he punishes Earth with tanks, electro zappers, and an army of alien annihilators. These ruthless characters are so tough, they often engulf half the battlefield! Features simultaneous play for two or play against the computer. Joystick controlled. \$19.95
Konami, Inc., 900 Deerfield Parkway, Buffalo Grove, IL 60089-4510, (708) 215-5111 support

Super Games Pak

Three high-quality arcade games for a single low price. In Deathbots you must infiltrate an enemy research center and destroy the all powerful Gamma bomb, but look out for the deathbots who guard the complex. Jailbreak is a fun, fast-action Breakout™ game with 100 levels and a custom level editor built in. Byteman puts a Bit-muncher in a giant 8-direction scrolling maze crawling with baddies. All three games feature great graphics, digitized sound effects and were written in 100% Assembly language for lightning-fast execution speed all arcade gamers demand. \$39.99
Odyssey Software, P.O. Box 367, N. Eastham, MA 02651, (508) 240-2317

Super Hang-On

Nobody can resist the pure temptation to go just a little faster or push a little harder. In this outstanding arcade translation we do just that, we put gamers on the edge and challenge them to live there. Enjoy fast paced motorcycle racing action, where riders race on four different continents, each representing different levels of skill and difficulty. True-to-life animations of bike and rider. Full screen track representation. Turbo mode gives the true feeling of speed, and responsive acceleration to enhance playability and excitement. Nothing can compare to the feeling of anticipation and power as man and machine perform. \$44.95
Data East USA, Inc., 1850 Little Orchard Street, San Jose, CA 95125, (408) 286-7080

Super Huey

Helicopter flight simulator; explore unknown territory and map the terrain. Combat using rockets and machine guns to defend a secret desert installation from unknown hostile forces. Your assignment is to locate and attempt a pick up of stranded military personnel, while learning the techniques of flying and familiarization of instruments. Joystick recommended. \$14.95
Cosmi Corporation, 431 N. Figueroa St., Wilmington, CA 90744, (213) 835-9687

◆ Super Off Road

Strap on your helmet, grit your teeth, and prepare to master mud heaven with Ivan 'Ironman' Stewart's Super Off Road. Shake, rattle, and roll your way through mud holes, jumps, matchoffs, and spin-outs in the closest thing to genuine short-course racing you'll ever experience. Race up to three players at the same time. Go wheel-to-wheel on eight different stadium tracks and a total of 16 configurations. Trade winnings for accessories at the speed shop to improve your chances at victory. Enough rough and tumble racing excitement to turn you into a lean, mean, off-road machine. \$39.99
Virgin Mastertronic International, 18001 Cowan Street, Ste. A & B, Irvine, CA 92714, (714) 833-8710

◆ SuperCollider

You are the physicist searching for the top quark in this complex action/arcade game. Manipulate quantum particles through a complex network of conductor tubes, and smash particles onto the collision plate and see what quarks, leptons, and bosons you've created. Quick reflexes are a must to survive the convoluted switches, doublebacks, high-speed hidden accelerators, and time traps. Available Summer 1991.

Maxis, Two Theatre Square Ste. 230, Orinda, CA 94563-3041, (415) 254-9700

Supercars

Add on car disk for The Duel containing the newest models of production cars including: The '88 Lamborghini Countach 5000s; the '88 Lotus Turbo Esprit; the Ferrari Testarossa; the Porsche 911 RUF, and the '89 Corvette ZR1. \$21.95
Accolade, 550 S. Winchester Blvd. Ste. 200, San Jose, CA 95128, (408) 985-1700

Superman: Man of Steel

You are the Man of Steel, but countless challenges await you. An endless siege of earthquakes and volcanoes are rocking Earth; terrorists have hijacked a yacht with Lois Lane and the governor on board; and two of your most dangerous enemies have struck an unholy alliance. The clock is ticking with only hours left to save the world. \$39.95

Intracorp, Inc., 14160 S.W. 139th Court, Miami, FL 33186, (800) 468-7226

Superman—The Man of Steel

An endless siege of challenges awaits you. Terrorists hijacked a yacht with Lois Lane and the Governor on board; and two of your most dangerous enemies have struck an unholy alliance. The clock is ticking with only hours left to save the world. \$39.95

Capstone, 14202 SW 136th Street, Miami, FL 33186, (305) 252-9040

Superstar Ice Hockey

Sharp graphics and realistic play put you into the middle of the action of this sports simulation. Make the trades, recruit players from the minors, conduct training camps, make line changes, call strategies, and compete against your opponents in this multi-dimensional game. You act as player, coach, and manager. \$49.95

Mindscape, A Software Toolworks company, 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

Sword of Aragon

The Duke of Aladda has died and left his last will and testament to you, his only child and heir. The Duke's legacy is a gallant one, replete with deeds of valor in the defense of Aladda. By his efforts, the former capital of the western realm of the Aragonian Empire has returned to a proud state. It is your father's deepest wish that you once again extend Aladda's dominion and eventually sit on the emperor's throne in the city of Tetrada. \$49.95

Strategic Simulations, Inc., 675 Almanor Avenue, Sunnyvale, CA 94086-2901, (408) 737-6800

◆ Sword of Sodan

Sparkling graphics with animated, screen-sized characters and dual roles let you challenge the odds as hero or heroine! \$34.95
InnerPrise Software, Inc., 128 Cockeysville Road, Hunt Valley, MD 21030, (301) 785-2266

◆ Sword of Sodan II

Free T-shirt in box! Multi-directional screen-sized characters. Two-player simultaneous action to compete in superior game play. Supports 1MB. \$49.95

InnerPrise Software, Inc., 128 Cockeysville Road, Hunt Valley, MD 21030, (301) 785-2266

Swords of Twilight

The multi-player feature in Swords of Twilight provides a dynamic, non-turn-oriented environment which allows up to three players to independently control their own hero or heroine at once. You can cooperate together, defend one

another, or backstab each other. Just like real life. Eight parallel worlds connected by a magical Rainbow Road, guarded by fire-breathing dragons. Lands with times and tides and beings with attitudes and appetites. Yoursword must be quick but hacking and slashing won't make you many friends. All characters (and there are over 30) have their own memories, personalities, histories, and appetites that affect how they act, react and interact. Seek the bones of the evil Shadowlords. Yet, defeating their minions of wraiths, skeletons, and ruffians is only a task for the most cunning. This is one of the few role-playing-games with real-time action and animation that allows you to see and feel the action as it develops, not just read about it. And because of the multi-player capabilities, you don't have to wait for a turn. \$49.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

TRUMP CASTLE

The ultimate casino gambling simulation: Trump Castle includes six of the most popular games: black-jack, roulette, craps, keno, nine varieties of slot machines including progressives, and video poker. From the 3-D animation of the roulette wheel and the dice at the craps table to nine different slot machines, varying table limits and range of chip values, Trump Castle brings real-life casino play to a home computer. \$39.95
Intracorp, Inc., 14160 S.W. 139th Court, Miami, FL 33186, (800) 468-7226

TV Sports: Basketball

TV Sports: Basketball features full court five-on-five action, a 28-team league, a 24-game schedule, and postseason playoffs. The starting lineup for each team is selected from a roster of 12 players which can be edited to suit individual styles of play, carefully balancing the offensive and defensive strengths of each team member. The player controls all the action—ball movement, passing, and shot selection. A roleplaying mode is available which allows the player to select an individual and become that player throughout the game. A winning coach monitors his players' conditions and makes substitutions as necessary. Detailed statistics are kept in a variety of categories allowing the player to analyze both his own team and his opponents', gaining insight critical to successful gameplay. Up to four players. Instant replay features fast forward, normal speed, and even slow motion. \$49.95
Cinemaware Corporation, 4165 Thousand Oaks Blvd., Westlake Village, CA 91362, (805) 495-6515

TV Sports: Football

Over 28 teams play a 16-game season with post-season play-offs. Pregame warm-up shows, broadcasters, cheerleaders, fans, and a half-time show add to the realism. Call the shots as head coach, or play as quarterback, running back, or wide receiver. Set up your offense and defense. Full color graphics and animation. Play against the computer or in head-to-head action. See CDTV section also. \$49.95
Cinemaware Corporation, 4165 Thousand Oaks Blvd., Westlake Village, CA 91362, (805) 495-6515

◆ Table Tennis Simulation

Table Tennis Simulation features singles and doubles games against the computer or with or against a human partner. Play in the World Championship against a select group of players—or up to 20 players. All techniques available: block, topspin, slice, high serves, net attacks; choice of paddle cover; saving and loading of rankings; training against a ball machine; etc. \$34.95
DigiTek Software, 8910 N. Dale Mabry Executive Center, Tampa, FL 33614, (813) 933-8023

Talespin

Talespin is a package which combines drawings, texts, and sounds into a series of pictures to form an interactive adventure game. \$49.95
MichTron, 3201 Drummond Plaza, Newark, DE 19711, (302) 454-7946

Tangled Tales

Cast in the role of a wizard's apprentice, the player is given three progressively difficult tasks to accomplish as proof of their wizardly worthiness. Before long, discover an outlandish world that includes haunted houses, medieval fortresses, and contemporary country farms. From a few hours to a few days of time-tripping fun and excitement. Travel through time, across continents—even use a magic carpet! \$29.95
Origin Systems, Inc., P.O. Box 161750, Austin, TX 78716, (512) 328-5490

Tanglewood

Control five mining mobiles, each with its own programs and data. Search the planet Tanglewood for the priceless 3-D crystals. Problem solving in real-time, with over 1,200 locations to visit. Mouse-controlled, no text entry. Success depends on your problem-solving ability and dexterity. \$19.95
MichTron, 3201 Drummond Plaza, Newark, DE 19711, (302) 454-7946

Tank Attack

Up to four players may take the role of the commanding General of a country's Tank Corps with an objective to capture the enemy headquarters. The computer issues all movement orders, battle results, the status of each unit, and a daily newspaper which gives a full report. Players form allies before war is declared. The program comes with a 17-inch x 17-inch playing board and 48 playing pieces. \$29.95
Artworx, 1844 Penfield Rd., Penfield, NY 14526, (800) 828-6573

◆ Targhan

Win the ultimate battle of good vs. evil in the adventure of a lifetime! Be Targhan, the barbarian on the search for the evil one. Battle 40 different life-like creatures, each massive and detailed; explore 120 different landscapes, indoors and outdoors; use special weapons; drink potions to use the wizard's magic; fight giant dragons. \$39.95
DigiTek Software, 8910 N. Dale Mabry Executive Center, Tampa, FL 33614, (813) 933-8023

Technocop

The only game that mixes the pulse-racing thrill of cops and robbers with the mind-blowing technology of tomorrow. A great combination of high-speed car chases and detective crime-busting. The V-Max racer, high-tech weaponry, and 11 levels of difficulty provide hours of riveting fun. \$29.95
EPYX, 600 Allerton Ave., Redwood City, CA 94063, (415) 368-3200

Teenage Mutant Ninja Turtles

Team up with these heroes on a halfshell, armed with wacko bombs and armed blimps, as you fight off the Evil Foot Clan. Joystick controlled. For one player. \$44.95
Ultra Software Corporation, 900 Deerfield Parkway, Buffalo Grove, IL 60089-4510, (708) 215-5111

TeleEpic

The medieval version of the ultimate strategy war game. Instead of commanding tanks and artillery, you lead a band of heroes waging war against your mortal foe. Test your skills wielding a mighty axe or sword. Throw a dagger or check your accuracy as an archer. \$39.95
Software Terminal, P.O. Box 123225, Fort Worth, TX 76121, (817) 737-3297

TeleGames

Like all our 'Tele' products, TeleGames provides the enjoyment of competition without the problem of where to play. Competition is enhanced with smooth 3-D perspective graphic animation and digitized sound effects. Players may compete on one computer or 'TeleConnect' via modem. \$34.95
Software Terminal, P.O. Box 123225, Fort Worth, TX 76121, (817) 737-3297

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TeleWar

Strategy war game for two players at one computer or over the telephone. Destroy the opponent's headquarters. \$39.95
Software Terminal, P.O. Box 123225, Fort Worth, TX 76121, (817) 737-3297

Telewar II

The Ultimate War Game Revisited with new terrains and enhanced gameplay features. Experience the ecstasy of blasting your best friend to rubble or disintegrating someone you don't even know. Watch out! You may be the next casualty peering out of a twisted pile of smoldering steel. \$39.95
Software Terminal, P.O. Box 123225, Fort Worth, TX 76121, (817) 737-3297

Tennis Cup

Race into the fast-paced world of international professional tennis. Hit top-spin shots, lobs, deep volleys, overhead smashes, and drop shots to any part of the court, as you play on grass, clay, the hard court, or indoors. Match your skills against a friend, or the computer. With variable player skill levels and selectable game speed options, Tennis Cup is appropriate for all ages. \$39.95
Electronic Zoo, 3431-A Benson Ave., Baltimore, MD 21227, (301) 646-5031

◆ Terrain Editor

Custom design your own landforms for SimCity. Modify existing landforms. Place rivers, forests, coastlines, and bare land where you want them. \$19.95
Maxis, Two Theatre Square Ste. 230, Orinda, CA 94563-3041, (415) 254-9700

Test Drive

Driving simulation lets you drive one of five sports cars. Game ends early if you drive too slowly, go off the road, or get pulled over. \$19.95
Accolade, 550 S. Winchester Blvd. Ste. 200, San Jose, CA 95128, (408) 985-1700

Tetra Quest

Before the first galactic games can start, you must recover the stolen six Phoenix Tablets. They've been stolen by the Tetroids, who weren't invited to participate. If you can recover the Tablets, Phoebus, the sun god will make you a Phoenix and you'll soar above the four-level world. Space-age action. \$19.95
MichTron, 3201 Drummond Plaza, Newark, DE 19711, (302) 454-7946

Tetris

Requires fast thinking and quick reflexes. A variety of shapes descend from the top of the screen, player manipulates shapes into position to form solid rows. Challenge and speed increase at higher levels. \$34.95
Spectrum HoloByte, 2061 Challenger Drive, Alameda, CA 94501, (415) 522-3584

◆ The Adventures of the Amazing Benson Boys

An interactive multi-media adventure game. Join the boys in their quest for lost cities, endangered animals, hidden treasure, space exploration. Participate as a member of their expedition helping them to overcome obstacles and hardships. \$49.00
Knowledge Media, 436 Nunneley, Paradise, CA 95969, (916) 872-3826

The Android Decision

Take control in this sci-fi strategy while two cities battle for power. Each city produces robots that are capable of diverse roles. \$34.95
DataSoft, Distributed by Electronic Arts, (800) 245-4525

◆ The Bard's Tale III: Thief of Fate

Someone or something has sealed the city's fate with an evil so vast that a host of Paladins and an army of Archmages are outmatched. Hard times call for subtlety. Smaller is better. Sneakier is best.

What the world needs now is a thief. A compelling role-playing adventure with over 13 character classes and 80 dungeon levels.

Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

The Bard's Tale

Let the Bard use his magical talent to help you defeat Mangar, the evil scourge of Skara Brae. Sound effects, music, over 85 spells. \$19.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

The Bard's Tale II: The Destiny Knight

A new Bard story with a new villain—the Archmage. More dungeons, clues, monsters, wilderness, and more. \$59.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

The Black Cauldron

Based on the popular Walt Disney movie. Several game solutions, music, and 3-D color graphics. \$39.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 326-6654 orders

◆ The Blue Max-Aces of the Great War

The Blue Max-Aces of the Great War recreates the excitement and challenge of air-to-air combat over France during 1917. There is enough dog fighting action combined with strategy to satisfy both the novice and the experienced game player. 32-colors and digitized sound. \$49.95
Three-Sixty, Inc., 2105 S. Bascom Ave., Ste. 290, Campbell, CA 95008, (408) 879-9144

◆ The Cardinal of the Kremlin

Anti-missile defenses and satellite technologies provide the central action in Tom Clancy's novel, The Cardinal of the Kremlin. In Capstone's computer simulation, players are challenged to develop these strategic defenses for America—manipulate a myriad of international forces, deal with espionage, terrorism and global politics—to win the technological race against the Soviets. See CDTV section also. \$49.95
Capstone, 14202 SW 136th Street, Miami, FL 33186, (305) 252-9040

The Chessmaster 2000

Library of over 71000 moves, boasting 12 different levels of play from Newcomer to Grandmaster, including Teach and Hint. Players can play against the Chessmaster or select the Two People mode and have the program referee. It allows players to take back moves, show captured pieces, print games, replay games, solve problems, or watch great matches from the library. Complete with booklet. \$44.95
Software Toolworks, The , 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

The Chessmaster 2100

Whether you're just learning chess or you're a true pro, this is the game for you! We took the award-winning Chessmaster 2000 and made it even better...the result is a magnificent chess program that contains every option that skyrocketed 2000 to the top of the charts and more! Chessmaster 2100 offers an unlimited number of levels, triple the number of features, more and different classic games, and even greater in-depth analysis. \$49.95
Software Toolworks, The , 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

The Colonel's Bequest

The Colonel's Bequest is the first of a new series of Laura Bow mysteries. As college coed Laura Bow, daughter of a New Orleans police detective, you spend the weekend with your schoolmate at her uncle's bayou mansion. It seems the family has gathered for the reading of patriarch Colonel Henri Dijon's will, and the group learns it will share in the old codger's wealth...if they outlive him! Call company for details. Requires 1MB. \$59.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 326-6654 orders

The Colony

Enter The Colony and embark on an adventure so real and so unique that you melt into the environment. Players become the space marshal who must explore a six-level colony to rescue survivors from a planet overrun by aliens. Combining action, strategy, and the most advanced 3-D algorithms in home computing gaming. This is the adventure game that captures science fiction at its best. \$49.95
Mindscape, A Software Toolworks company, 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

The Crossword Creator V1.1

Version 1.1 allows you to design, save, and print your own crossword puzzles. Fast 87,000 word pattern-matching dictionary. \$49.95
Polyglot Software, 884 W. Melrose Lane, Boise, ID 83706, (208) 336-4583

The Cycles

Motorcycle racing simulation. Includes the actual international Grand Prix courses, three performance classes, and five different skill levels. You compete against nine world-class Grand Prix riders. \$49.95
Accolade, 550 S. Winchester Blvd. Ste. 200, San Jose, CA 95128, (408) 985-1700

The Duel: Test Drive II

Racing simulation. Head-to-head racing with the world's two fastest (200 mph.) production cars: The Porsche 959 vs. the Ferrari F40. \$49.95
Accolade, 550 S. Winchester Blvd. Ste. 200, San Jose, CA 95128, (408) 985-1700

The Enigma Device-A Game of Cryptograms

A traditional word game of cryptograms based on Hitler's infamous WW II German secret code machine named the Enigma Device. Up to 20 players at a time solve word puzzles (simple substitution ciphers). The game tracks performance histories of all 20 players for solo, family, or group fun. Users can create their own cryptogram puzzles, entered from newspapers, magazines, and other sources, for use in the game. Over 1000 cryptograms are included on disk. Choose from many interesting categories including Quotations, Rhymes, Murphy's Laws, Definitions, Wisdom, Proverbs, and Great Thoughts, etc. Cheat button allows one clue per cipher. Comprehensive manual provides extensive help tables. \$39.95
King Publishing, 1200 Treadway #226, Austin, TX 78704, (512) 448-2414

The Game of Harmony

In this arcade game for the new age, players use a combination of strategy and concentration not to annihilate objects on the screen, but to keep them from blowing up. A one or two player game, players control a single spinning sphere, referred to as 'the seeker', on a screen filled with constantly moving, multi-colored orbs. The objective to create synergy by strategically maneuvering like-colored orbs together before they explode with tension. If two orbs of differing colors are allowed to synergize, they will create a small pod that can be gobbled up for energy if you act fast enough. Otherwise, this pod will expand into a completely new orb. Accompanied by randomly generated musical scores, the game contains 50 progressively challenging configurations (levels) randomly arranged with orbs which glide around the screen while you attempt to gain points, and eventually ultimate harmony. \$44.95
Accolade, 550 S. Winchester Blvd. Ste. 200, San Jose, CA 95128, (408) 985-1700

◆ The Gold of the Aztecs

For 400 years no one has dared to take up the toughest challenge man has ever known—to find Quetzacotl's Gold of the Aztecs. No one has dared, that is, until today. Bret Conrad, ex-Special Forces Commander is bored. His combat training has made mortal danger a way of life, and he's been looking for a death defying mission that he

can really sink his teeth into. Over 80 screens of non-stop action and devious puzzles, 7,000 frames of animation, and 600K of music and sound effects. \$49.94

U.S. Gold, distributed by Accolade, 550 South Winchester Blvd., San Jose, CA 95128, (408) 246-6607

The Hound of Shadow

The Hound of Shadow features a new role-playing system called Timeline. You begin by creating a Timeline character. You choose the character's sex, nationality, one of nine professions, and an assortment of skills from over 50 possibilities. As you play the game, the character's attributes affect the events—maybe even the outcome—of the adventure. The difference might be subtle, such as receiving an extra clue through special skill in history, or the plot may change dramatically. You can even use your character in other Timeline adventures, and his or her experiences will be recognized in the adventure. The adventure is set in England in the 1920s—a country recovering from the ravages of war. It was a time when extremes of wealth and poverty rubbed shoulders, and it was fashionable to cultivate an interest in spiritualism and magic. \$39.95

Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

◆ The Hunt for Red October

The ultimate submarine simulation game! Armed with 26 SS-N-20 Seahawk missiles, this Soviet killing machine is capable of destroying 200 cities. Equipped with the unique Caterpillar propulsion system, detection of the Red October is nearly impossible. Your mission: to defect to the West. Test your brilliance in stealth, evasion and navigation as Commander of the Red October! *Software Toolworks, The, 60 Leveroni Court, Novato, CA 94949, (415) 883-3000*

The Island of Lost Hope

Island of Lost Hope is a graphic adventure game with a multiple-word parser, full keyboard and mouse interface, and an impressive array of graphics, animation and sound. You are a young captain trying to find the lost treasure of The Forgotten Souls, but are ambushed by a band of cutthroat pirates led by the infamous Captain Black. Your ship was sent to the bottom of the ocean and crew lost. You are washed ashore on a tiny islet and left to die. Now you have nothing but your cunning to complete your quest. Along the way you face numerous obstacles and perils, including bloodthirsty pirates, giant rats, and snakes, all leading to your final showdown with Captain Black. Two-disk set. For 512K Amiga one disk drive. Recommended for 1MB. A1000 owners note—half-byte recommended. Distributed by Mainstream America. \$39.95

Digital Concepts, 43035 Hayes Road, Ste. 229, Sterling Heights, MI 48078, (313) 772-1416

The Keys to Maramon

The world of The Magic Candle has many tales to tell. The Keys to Maramon is one of the best—a tale of action, bravery, danger, and excitement. Join the tale yourself! Excite your brain and your finger to the max, and return with the keys to the city—The Keys to Maramon. \$44.95

MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (301) 771-1151

The Killing Game Show

Set in an alien solar system where all violence has been eradicated, the hottest inter-planet TV game show is The Killing Game. In this game competitors are selected from each planet and have to negotiate the defenses on opposing planets. These play areas are all based inside cylindrical arenas which are slowly filling with water. The object is simply to reach the exit at the top of each cylinder without being destroyed. The player will take the part of a competitor from one of the planets involved. They will travel between the various worlds taking the challenge of the natural terrain

of each planet. The arenas will vary from planet to planet. Some will be made of Caverns, Roman Temples, Organic Materials, and other forms. There will be eight planets, and three cylinders on each planet making 24 levels in all. \$44.99

Psygnosis Limited, 29 St. Mary's Court, Brookline, MA 02146, (617) 731-3553

The King of Chicago

Chicago in the '30s. Prohibition, power struggles, and rampant crime. Only the toughest of the tough survive. Capone used to call the shots. But Big Al was sent up the river and Chicago is up for grabs. Violence, intimidation, bribery, and treachery are your weapons as you play the role of Pinky Callahan, an ambitious hood on the make. You'll lead the Northside gang against the forces of the legendary Capone mob in a deadly battle for control of the Windy City. \$49.95

Cinemaware Corporation, 4165 Thousand Oaks Blvd., Westlake Village, CA 91362, (805) 495-6515

The Kristal

Become Dancis Frake, swashbuckling space pirate, in this epic quest to find the fabled Kristal of Konos and return it to its rightful resting place. Battle ruthless villains, woo a beautiful princess, and interact with strange alien life forms. Based upon an original play, The Kristal features incredibly lifelike animation. Huge multi-disk universe and additively clever traps and puzzles. \$49.95

Cinemaware Corporation, 4165 Thousand Oaks Blvd., Westlake Village, CA 91362, (805) 495-6515

The Last Inca

The evil wizard Zolphosi was held captive under the rule of the three wizards from the new islands. After the last real wizard there died, he managed to escape. He now seeks revenge against the Inca people for their allegiance to the three wizards. Will you be the one to challenge Zolphosi? \$39.95

Free Spirit Software, Inc., P. O. Box 128, 58 Noble St., Kutztown, PA 19530, (215) 683-5609

The Legend of William Tell

Perched on top of your young son's head, the shiny red apple seems to dance in the crossbow's sight. Sweat trickles into your eyes as you strain to keep the target absolutely still. A miss destroys your only son, but split the fruit and you both live to fight for freedom another day. No one said it would be easy. Travel through more than 100 unique and colorful screens while befriendng or fighting monks, castle guards, wolves, and others. Engage your enemies with a variety of weapons, including three different crossbows that you can aim using the unique 'crossbow targeting window.' \$24.95

Electronic Zoo, 3431-A Benson Ave., Baltimore, MD 21227, (301) 646-5031

◆ The Magic Mountain

A strange, weird world on a mountain just north of San Francisco where you add understanding and power to your life. Not for the young or timid. The Magic Mountain is for those who glory in the power of their own minds to create reality; who enjoy exploring themselves and the mysterious worlds around them. Male or Female version \$29.95 each, \$39.95 for both.

Blue Valley Software, 29 Shepard St., Walton, NY 13856, (607) 865-6523

◆ The Plague

Purge the planet from plague-infested mutants in this incredible new game! \$39.95

InnerPrise Software, Inc., 128 Cockeysville Road, Hunt Valley, MD 21030, (301) 785-2266

The President is Missing

Terrorists have taken another hostage. Only, this time, it's the President of the United States and several other members of a top-secret economic summit. Your job: find them! Includes 30-minute audio cassette with kidnapper's demands and mystery clues. Foil this diabolical plot! \$39.95

Cosmi Corporation, 431 N. Figueroa St., Wilmington, CA 90744, (213) 835-9687

◆ The Revised Ultimate Hint Kit Vol. 1

TRUHK contains over 35 walk-thrus, 60 detailed maps. Also included are game and character editors for various games. Requires 512K. \$19.95

Elkon Enterprises, 4654 Mistletoe, Wichita Falls, TX 76308, (817) 691-0964

The Revised Ultimate Hint Kit Vol. II

TRUHK II contains walk-thrus for Drakkhen, Might & Magic and most of the Sierra games. TRUHK II has over 60 detailed maps. Maps for Infestation, Persian Gulf, Champions Krynn, Stryx, and more! TRUHK II includes game patches for unlimited lives or power for Persian Gulf, Infestation, Teenage Turtle, Killing Game Show and more! TRUHK II also contains character editors for Might & Magic, Drakkhen, Champion Krynn. Requires 512K. \$26.95

Elkon Enterprises, 4654 Mistletoe, Wichita Falls, TX 76308, (817) 691-0964

The Rubicon Alliance

Tranquility prospers in Hyturan until the pirate planet, Nono, stealthily slips through the outer fringes of the Rubicon, raiding solar shipping, destroying outposts. As starfighter commander Hawkins, you have been ordered to find Nono before it destroys the alliance. You are required to complete eight difficult missions, each with a specific goal and time limit. The 3-D holocube, vital to your quest, will assist you in charting planet and revealing the flight of enemy craft. \$29.95

DataSoft, Distributed by Electronic Arts, (800) 245-4525

The Scrolls of Talmouth

First in a series of quest disks for Paladin, the animated fantasy game. Each quest disk includes 16 games, all linked into one grand quest. Mages, swordsmen, rangers, and thieves will put you to some difficult tests on your path to knighthood. \$24.95

Omnitrend Software, Inc., 15 Winchester Court, Farmington, CT 06032, (203) 678-7679

◆ The Secret of Monkey Island

High-quality color graphics, enhanced point-and-click interface. Improved graphics, including character scaling. Original reggae musical score. Loaded with humor and colorful characters. \$59.95

Lucasfilm Games, P.O. Box 10307, San Rafael, CA 94912, (800) 782-7927

The Seryachi Campaign

First in a series of combat scenario disks. Each disk includes 16 scenarios—all set within a self-consistent network. Whether you're fresh out of bootcamp or a veteran STAR leader, these campaigns will give you a chance to test your mettle against a challenging set of opponents and conditions. \$24.95

Omnitrend Software, Inc., 15 Winchester Court, Farmington, CT 06032, (203) 678-7679

The Terminator

The story of a superhuman cyborg sent back through time from a hellish future where man's very existence hangs in the balance and machines rule the earth. His mission—to destroy the mother of the one man who is destined to save mankind. \$39.95

Bethesda Softworks, 15235 Shady Grove Road, Suite 100, Rockville, MD 20850, (301) 926-8300

◆ The Third Courier

This role-playing game takes players to the city of Berlin where you assume the role of Moondancer, the free world's best secret agent. Your mission: recover stolen NATO defense plans. Two of the three NATO couriers who were handcuffed to the plans now lie on marble slabs in a morgue. Each was carrying a crucial component of the NATO non-nuclear defense plans—a computer

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chip, a floppy disk and a CPU. You have seven days to search for the Third Courier and locate each of the three components before they fall into the wrong hands. \$49.95
Accolade, 550 S. Winchester Blvd. Ste. 200, San Jose, CA 95128, (408) 985-1700

The Twilight Zone

You're traveling in another dimension. Not only of sight and sound, but of mind. Where shadows of reality mix with images of nightmares...There's a signpost up ahead...The next stop...The Twilight Zone. Participate in several stories that, at first, may seem unrelated, but eventually weave themselves into a single complex plot. Distributed by Mainstream America. \$39.95
First Row Software Publishing, 257 St. James Pl., Philadelphia, PA 13106

Their Finest Hour: The Battle Of Britain

During the summer of 1940, wave after wave of German fighters and bombers pummeled RAF bases in southern England. Now you can capture the aerial heroics on both sides of the conflict. Fly Spitfires, Hurricanes, Messerschmitts, and German bombers in 3-D air combat so real you can almost feel the gunfire. Set exciting replays of your combat exploits from any angle in real-time or freeze-frame. You can even save them on disk. Includes photo packed 180 page manual. A fitting tribute to the 50th anniversary to the Battle of Britain. \$59.95
Lucasfilm Games, P.O. Box 10307, San Rafael, CA 94912, (800) 782-7927

◆ Theme Park Mystery

Theme Park Mystery combines adventure and strategy levels with unusual clue-bestowing segments. A complex, multilevel mystery that transforms you into different characters and sends you through four warped worlds; Yesterdayland, Futureland, Dreamland, and Dragonland. Detailed character animation and background graphics give Theme Park Mystery a unique polished look. Captivating sound effects set the tone for Theme Park Mystery. \$49.95
Konami, Inc., 900 Deerfield Parkway, Buffalo Grove, IL 60089-4510, (708) 215-5111 support

Thexder

Pilot your armored robot through caves, cargo holds, and spaceship interiors. Transform Thexder into a jet. Over 20 kinds of aliens, hi-res artwork, synchronized soundtrack. \$34.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 326-6654 orders

Thud-Ridge

You lead Wild Weasel in a modified Thud, and F105 Thunderchief. Only one thing stands between you and Hanoi—Thud Ridge—40 miles of rolling terrain leading straight downtown. Being a Thud Driver demands nerve, skill, and raw courage. Master the 10 actual missions. If you've got the guts, this is your game. \$44.95
Three-Sixty, Inc., 2105 S. Bascom Ave., Ste. 290, Campbell, CA 95008, (408) 879-9144

Thunder Blade

Control the world's most sophisticated attack helicopter in the home-computer adaptation of Sega's #1 blockbuster arcade hit. Fly over skyscrapers, mountains, deserts, and the sea as you attempt to accomplish the near-impossible mission of defeating the enemy. \$49.95
Mindscape, A Software Toolworks company, 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

◆ ThunderStrike

The year is 2238. Earth is controlled by defense industries and TV networks. You are a gladiator competing in televised military Olympics, high-tech fighter pilots battling enemy drones and generators to obtain high TV ratings and high scores, and keep alive. Choose from five deadly attack fighter crafts with varying speed, maneuverability and acceleration. Zoom over colorful

futuristic 3-D battlefields in five different arenas with ten levels in each arena. HUD provides imaging for fast maneuvers in deadly low-flying combat. \$39.95

Live Studios, 30151 Branding Iron Rd, San Juan Capistrano, CA 92675, (714) 661-8337

Thunderboy

An action-adventure game. Battle the dragon in the dark land where even the butterflies are deadly. \$29.95
DigiTek Software, 8910 N. Dale Mabry Executive Center, Tampa, FL 33614, (813) 933-8023

◆ Tie Break Tennis

It is possible to play a singles or doubles tournament, and by using the optional joystick adapter, up to four players can play at the same time. All techniques are available: crushing serves, forehand, backhand, topspin, slices, lob, overhead play, volley, passing shots, drop shots and soft balls. This game features amazing speech and sound effects and a presentation in TV-style. \$39.95

DigiTek Software, 8910 N. Dale Mabry Executive Center, Tampa, FL 33614, (813) 933-8023

Time Bandit

Sixteen lands, 16 levels per land, over 3000 screens. Travel through time and space for priceless treasures. \$19.95
MichTron, 3201 Drummond Plaza, Newark, DE 19711, (302) 454-7946

Times of Lore

An ancient land is in turmoil since the king and his young child disappeared 20 years ago. You, as a hero-for-hire, learn much of the distinctions between appearance and reality while completing your quests. Over 60 characters, detailed cities, and towns. \$39.95
Origin Systems, Inc., P.O. Box 161750, Austin, TX 78716, (512) 328-5490

Titan

The year is 2114, the place: Vegapolis. Professor Hybris, the genius behind all analytical conceptors, is the creator of a brand new leisure concept, which has been driving crowds crazy. But the game is deadly and all have died somewhere along the eighty levels. To succeed you must guide the power sphere across eighty immense and synthetic worlds using just one magical and magnetic control unit, while avoiding all manner of death obstacles. Ultra fast scrolling, multi color graphics, and a variety of game play. \$44.95

Titus Software Corporation, 20432 Corisco St., Chatsworth, CA 91311, (818) 709-3693

Torch 2081

You are a pilot in the World Military Service chosen to defend your planet, Torch, against the remnants of interplanetary nuclear wars. Use the Surface Defense Clider to create panels that protect the inhabitants of the planet. Be careful, the task won't be easy: you'll face fireballs, deadly spit fires, and the perimeter patrols who trace the edge of the panels in an attempt to vaporize you. Over 90 levels of play. Distributed by Mainstream America. \$29.95
Digital Concepts, 43035 Hayes Road, Ste. 229, Sterling Heights, MI 48078, (313) 772-1416

Tournament Disk for Leader Board

Accessory for Leader Board. \$19.95
Access Software, Inc., 545 West 500 South Ste. 130, Bountiful, UT 84010, (800) 800-4880

Tracers

The interiors of all computers have been invaded by terrorists, thieves, and other lowlives. As a member of the Integrated Human Operations Police, you must stop them. \$24.95
Microillusions, P.O. Box 3475, Granada Hills, CA 91394, (818) 785-7345

Track 2

All new racing animation as well as enhanced pre-race parade graphics. Also includes Stable 2: 128 new horses with their own names, skills, and personalities. Works with any Horse Racing Module. \$14.95
SportTime Computer Software, 3941-E So. Bristol St. Ste. 551, Santa Ana, CA 92704, (714) 966-0207

Track Designer

Break away from traditional oval tracks by creating an unlimited quantity of race tracks of varying shapes, distances, and difficulty. Comes with its own track player so that you can use your newly created tracks with any Horse Racing Module. Includes Saddle-3-D graphics so you can experience each race from the horse's back. \$14.95

SportTime Computer Software, 3941-E So. Bristol St. Ste. 551, Santa Ana, CA 92704, (714) 966-0207

Tracker's Quest

The family entertainment package for ages 4 to adult. Find the elusive and dangerous wild computer beast. Stay on its trail and you will capture it; step off and it gets raw tracker for dinner. Special learn mode for children. Promotes memory enhancement and computer skills, and includes a music system to calm the savage beast. \$34.95

Backwoods Software, P.O. Box 305, Wallowa, OR 97885, (503) 886-9075

◆ Tracon II

Multi-Player Air Traffic Control Simulator. Tracon II lets you hook up with other players for real computer-mediated, human-to-human, pilot to controller interactions. Tracon II also links to Microsoft Flight Simulator. Handle as many as 16 Flight Simulator aircraft in real time. Your commands can be seen in the Flight Simulator cockpit displays. \$69.95
Merit Software, Inc., 13635 Gamma Road, Dallas, TX 75244, (214) 385-2353

Transylvania

The classic adventure by Antonio Antiochia. Rescue Princess Sabrina before dawn and avoid the Transylvanian night life. Available for A1000 only. \$9.95
Merit Software, Inc., 13635 Gamma Road, Dallas, TX 75244, (214) 385-2353

Traveler by Paragon

A science fiction role-playing adventure. Explore unknown star systems, trade and piracy, governments, and political structures. Meet bizarre human and alien cultures and battle in fast-action combat with futuristic weaponry. The first adventure will focus in a sparsely settled area of the Imperium called the Spinward Marches. The Marches are fertile ground for powerful adventures, literally surrounded with cultures often characterized as other than friendly.
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (301) 771-1151

Treasure Trap

The Esmeralda's gold is just inches away, but it might as well be a mile. You need help, but only the slimy jellyfish have any friends in this algae-covered wreck. A poisonous stingray races at you and a hammerhead darts in from the left. Your air supply is running low and you can't find the key to the door that blocks your exit. Run, jump, and float through 100 multi-level rooms where you dodge crabs, eels, and octopi that won't give up without a battle. Solve unusual puzzles and figure out clever traps as you capture friendly fish, pick up lost keys and search for tanks of air, being careful that the last words you hear aren't, 'Glub, Glub.' \$39.95

Electronic Zoo, 3431-A Benson Ave., Baltimore, MD 21227, (301) 646-5031

Trump Castle

Blackjack, roulette, craps, keno, and nine varieties of slot machines. \$39.95

Capstone, 14202 SW 136th Street, Miami, FL 33186, (305) 252-9040

Trump Castle II

Multi-player capabilities, digitized photos, animation and sound, plus a free Gaming Guide and resort discount offer make Trump Castle II, the ultimate casino gambling simulation. It offers six popular gambling games—Baccarat, Blackjack, Craps, Roulette, Video Poker, and Slots—each with realistic game play for up to four players. \$49.95

Capstone, 14202 SW 136th Street, Miami, FL 33186, (305) 252-9040

Tunnels of Armageddon

An extremely fast-paced futuristic action game. Strap yourself in the snugly-fitting cockpit as you warp your way through a network of futuristic underground tunnels in search of the doomsday device. Disarm the device in time or Earth is doomed. Pick up different weapons and support items on your way. Realistic first-person perspective to make you feel as if you're really flying through a tunnel. Make it to the end in time and you'll be written up in history books. Fail, and you'll be history. \$39.95

California Dreams, 130 A Knowles Dr., Los Gatos, CA 95030, (408) 378-0340

Turbo

Speed through cities, countrysides, and mountains in this road war game with continuous shooting excitement. With increasing levels of difficulty, Turbo has obstacles to hinder the driver, and road features to help him. \$24.95

Microillusions, P.O. Box 3475, Granada Hills, CA 91394, (818) 785-7345

Turrican

Travel over 1300 screens, meet 50 different aliens, three-way parallax scrolling! \$39.95

InnerPrise Software, Inc., 128 Cockeysville Road, Hunt Valley, MD 21030, (301) 785-2266

Typhoon of Steel

Three theaters are covered in this tactical game: the Pacific, the Asian and the European. Practically every ground weapon used in those theaters is included—tanks, tank destroyers, machine guns, pillboxes, flamethrowers, etc. Choose to simulate single battles or an entire campaign. Each unit symbol represents either one tank/gun or a squad of infantry; each square of the 60x60 map, 50 yards. Tools are provided to let you create maps, troops, and missions. Requires 1MB. \$59.95

Strategic Simulations, Inc., 675 Almanor Avenue, Sunnyvale, CA 94086-2901, (408) 737-6800

U.S. Open Courses I

Developed to work with Accolade's MEAN 18 golf simulation. Package contains five different courses: Merion Golf Club, Winged Foot Golf Club, Bellerive Country Club, The Country Club of Brookline MA, and Shinnecock Hills, Long Island. \$10.00

Moonlight Development, 329 Shoreline Place, Decatur, IL 62521

U.S. Open Courses II

Developed to work with Accolade's MEAN 18 golf simulation. Package contains five different courses: Baltusrol (Springfield NJ), Olympic Club (San Francisco), Medinah #3 (Illinois), Champions Golf Club (Houston), and Oak Hill (Rochester NY), the 1989 site. Medinah hosted the 1990 open. \$10.00

Moonlight Development, 329 Shoreline Place, Decatur, IL 62521

UMS II

According to award-winning Ezra Sidra, the guiding principle in the development of UMS II has been 'let the player control everything including the level of control he wants.' UMS II is the most sophisticated Battle Strategy you'll ever use. From ancient battles of classic history to the wildest science fiction fantasies, UMS II lets you

recreate them all with its unique 3-D graphics system. \$59.95

MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (301) 771-1151

UMS: Nations at War

Simulates wars on a global scale, encompassing complete worlds and entire war campaigns, up to 127 nations, over 500 provinces and 32000 military units. Features controllable weather systems, naval, air, orbital, ground and supply units, attrition, taxation, unit production and more. Comes with Alexander the Great in 334 B.C., assault on Fortress Europe in 1944, and Napoleon in 1805. Requires 1MB minimum. \$39.95

Intergalactic Development, Inc., 1427 Washington St., Davenport, IA 52804, (319) 323-5293

UMS: The Universal Military Simulator

Simulates battles on a 3-D grid. Includes Gettysburg, Arbela, Hastings, Marston Moor and Waterloo. Includes ability to create armies, 3-D maps, and scenarios. Users can play each other or the computer. Battles can be viewed from eight directions at two levels of zoom, and units can be displayed in their immediate environment. Any army can be used with any scenario from history or the future. Requires 512K, 1MB for enhanced sound. \$25.00

Intergalactic Development, Inc., 1427 Washington St., Davenport, IA 52804, (319) 323-5293

Ultima III

Fantasy role playing. Defeat the evil wizard, using navigational strategies and ship-to-ship combat. Advanced dungeon graphics and full color visuals. One to four players and roster of up to 20 characters. Soundtrack with on/off sound toggle. \$39.95

Origin Systems, Inc., P.O. Box 161750, Austin, TX 78716, (512) 328-5490

Ultima IV

Fantasy role playing. Become an Avatar and lead your people by demonstrating the virtues of Avatarhood. Hundreds of characters to interact with. Difficult challenges, ethical dilemmas. \$59.95

Origin Systems, Inc., P.O. Box 161750, Austin, TX 78716, (512) 328-5490

Ultima Trilogy I-II-III

The complete Ultima adventures in one package that tells the captivating story of the struggles of Lord British's kingdoms with the forces of darkness—the Triad of Evil. Journey through The First Age of Darkness, confront The Revenge of the Enchantress and then face Exodus: Ultima III when the Great Earth Serpent awakens from a slumber of ages. Only a party of adventurers can save Sossaria. \$59.95

Origin Systems, Inc., P.O. Box 161750, Austin, TX 78716, (512) 328-5490

Ultima V

Over four man-years in the making, Ultima V is the latest in the saga. Takes place in the extraordinary realm of Britannia, and features all new magic and combat systems. Lord British, benevolent sovereign of Britannia, has been lost on an expedition to explore the newly discovered underworld. Blackthorn has assumed the throne and imposed martial law to keep peace, but he is soon seduced by power and becomes a tyrannical dictator. Only you, the Avatar of Legend, can save the true King and end Blackthorn's reign of terror. Full-length music soundtrack. \$59.95

Origin Systems, Inc., P.O. Box 161750, Austin, TX 78716, (512) 328-5490

Uncle D's ConSOUNDtration

The ultimate game of concentration for children 4 & up. Match digitized sounds with colorful graphics. Requires no reading skills. Includes three databases: ABC's, 123's, and Pixs (animals, tools, environmental, etc.). \$29.95

AlohaFonts, P.O. Box 1112, Rancho Cordova, CA 95741-1112, (916) 631-9633

Uncle D's ConSOUNDtration Data Disk #1

Additional games to be used with Uncle D's ConSOUNDtration. Includes commonly seen signs, states of the U.S., and more. \$24.95

AlohaFonts, P.O. Box 1112, Rancho Cordova, CA 95741-1112, (916) 631-9633

Uninvited

An award winning graphic adventure by ICOM Simulations. Spend an unusual day in a haunted mansion as you attempt to find your brother and uncover the eerie secrets of an eerie house. You don't want an invitation to this mansion! \$49.95

Mindscape, A Software Toolworks company, 60

Leveroni Court, Novato, CA 94949, (415) 883-3000

Universe 3

Animated role-playing adventure game. Set in the 24th century, you lead a diplomatic mission to Earth. Features a sophisticated mouse based parser for rapid play. Also includes digitized sound effects. \$49.95

Omnitrend Software, Inc., 15 Winchester Court, Farmington, CT 06032, (203) 678-7679

Vampire's Empire

Deep in the Transylvanian forest, in the depths of his underground lair, Count Dracula and his minions stir. Armed with your Magic Light, mirrors and garlic you must fight your way through the Vampire's Empire to battle the evil Count. \$44.95

DigiTek Software, 8910 N. Dale Mabry Executive Center, Tampa, FL 33614, (813) 933-8023

Vaxine

Fight your very own battle against the forces of biological destruction using your very own Vaxine. Eliminate the invading virus cells before they can join together to form lethal viral strings that are capable of choking the life from your key body cells. Go on the attack with your own color-coded antibodies, or use your DNA strands to strangle large clusters of alien invaders before they reach your brain and numb your senses forever.

U.S. Gold, distributed by Accolade, 550 South Winchester Blvd., San Jose, CA 95128, (408) 246-6607

Vegas Gambler

A realistic casino gambling simulation with stunning graphics and life-like sound. Features 4 popular games: Blackjack, Video Poker, Roulette, and Slots. Accurate odds and payoffs based on a famous Las Vegas casino. \$39.95

California Dreams, 130 A Knowles Dr., Los Gatos, CA 95030, (408) 378-0340

Video Vegas

Exciting casino action on your computer. Try your luck on slot machines, draw poker, Blackjack or Keno. Includes Blackjack card counting. Games look and play exactly like the real versions in Las Vegas. Offers fun for the beginner and challenges the pro. \$34.95

Baudville, 5380 52nd St. SE, Grand Rapids, MI 49512, (616) 698-0888

Vigilante

Nothing like a well-delivered flying kick to stop these bald-headed brutes. No pain, no dame! Better get a grip on your chako-sticks or you won't get your girl. Those scuzzy guttersnipes have resurfaced. This time they're wreaking havoc on your home turf and they've kidnapped your woman. There's no telling what they might do! Even the cops have copped out. It will be up to you to save her. As Vigilante, you must take the power into your own hands and stop these maniacal mohawks before it's too late. Only you can defeat the skinheads, deliver justice, and rescue your babe. Use your fists, feet, or nail 'em with your nunchucks, because these punks only fight one way—dirty! \$44.95

Data East USA, Inc., 1850 Little Orchard Street, San Jose, CA 95125, (408) 286-7080

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from anywhere in the U.S. and Canada (1-508-678-4200 from outside the U.S. and Canada).
All subscription prices shown in ad are U.S. only; Canada, Mexico, and foreign surface prices are higher.

Vortex by Visionary Limited

Man's misguided attempt to harness new sources of energy ripped a hole in the very fabric of space-time. Engulfing everything in its path, the resulting Vortex also acts as a gateway for antimatter aliens from another universe. Fight up to 32 enemies at once. Vibrant graphics, and smooth animation. \$39.95
Media Technology Limited, 15235 Shady Grove Road, Ste. 100, Rockville, MD 20850, (301) 926-8300

WILD STREETS

A supercop and a black panther team together in a high risk mission. 'A top CIA agent has been kidnapped, find him! You know that action and fighting are inevitable'. You have been trained to accomplish the most dangerous missions. In a very special police academy, you learned how to master the world's most secret and lethal techniques of martial arts. Your 357 Magnum will be with you to help you, but your hands and feet are powerful and won't run out of ammo. Dropped from the chopper, you and the panther will explore the city slums to find the prisoner. Your mission is to find him and to bring him back to a safe place, while protecting him from the attacks of riff-raffs. \$44.95
Titus Software Corporation, 20432 Corisco St., Chatsworth, CA 91311, (818) 709-3693

WINGS

A personal combat simulator that puts the player at the controls of a WWI biplane; with an in-game wartime diary which accurately represent the triumphs and tragedies of WWI, includes over 200 missions. Player participates in secret bombing missions, strafes enemy aerodromes, locating and destroying enemy targets, and matching wits and flying skills against the Red Baron and his Flying Circus. Requires 1MB RAM. \$49.95
Cinemaware Corporation, 4165 Thousand Oaks Blvd., Westlake Village, CA 91362, (805) 495-6515

War in Middle Earth

Fantasy role-playing war strategy, animated adventure game. Follow in the footsteps of Frodo, Aragorn, and Gandalf as they battle to get the ring to the Cracks of Doom. The Destiny of Middle Earth lies in the balance. Roam at will across the 36-screen scrolling map containing thousands of digitized locations as you control a cast of over 80 animated characters and armies. \$49.99
Virgin Mastertronic International, 18001 Cowan Street, Ste. A & B, Irvine, CA 92714, (714) 833-8710

Wargame Construction Set

Design and play nearly limitless numbers of war games as simple or complex as you desire. Draw your map, placing roads, rivers, bridges, woods, buildings, and mines in any arrangement and scale you like. Fight four levels of combat, from man-to-man to large-scale strategic campaigns. Endow your fighting men/machines with different attributes such as unit type, weapon type and firepower, movement and strength points. Included are eight ready-to-play games. \$39.95
Strategic Simulations, Inc., 675 Almanor Avenue, Sunnyvale, CA 94086-2901, (408) 737-6800

Warlock

You alone have been chosen to rescue the stolen Karna from the depths of darkness. Journey through 20 levels of ghoulish graveyards and creepy countryside to locate this precious jewel. Equipped with only your wits and your scepter, you'll do battle with as motley an assortment of critters as you've ever imagined! \$34.95
Three-Sixty, Inc., 2105 S. Bascom Ave., Ste. 290, Campbell, CA 95008, (408) 879-9144

Warlords

Warlords takes place in the fabled land of Illuria. An unconvincing peace treaty has just expired and eight strong empires now contend for power in a fight to the finish, only one can prevail.

Starting from your home castle you must ruthlessly expand your territory and eliminate all other players. Requires 1MB RAM and two disk drives or a hard disk. \$50.00
Strategic Studies Group, 1747 Orleans Court, Walnut Creek, CA 94598, (415) 932-3019

Waterloo

Fight the most famous battle in history from a whole new perspective. Waterloo uses simple English language commands to give you realistic control over regiments of infantry, cavalry, and artillery. The historical chains of command, battle reports and commander's 3-D perspective keep you in the thick of the action. \$59.95
Strategic Simulations, Inc., 675 Almanor Avenue, Sunnyvale, CA 94086-2901, (408) 737-6800

Wayne Gretzky Hockey

This riveting simulation is packed with all the strategy, excitement, and hard-hitting action we could squeeze into an Amiga. Actual digitized fight videos drop you right where the playing gets rough! Fully animated players, digitized stereo effects right from the rink, extensive player stats, variable speed instant replay lets you review the action in forward or reverse. \$49.95
Bethesda Softworks, 15235 Shady Grove Road, Suite 100, Rockville, MD 20850, (301) 926-8300

Wayne Gretzky Hockey Data Disk

Includes 24 NHL teams with player names and numbers, 11 different player ratings and line combinations. \$19.95
Bethesda Softworks, 15235 Shady Grove Road, Suite 100, Rockville, MD 20850, (301) 926-8300

Weird Dreams by Medalist International

Puts players into the subconscious mind of a hospital patient as he undergoes surgery. Here the player encounters giant wasps, carnivorous rose bushes, a psychopathic lawn mower, and a little girl who is not all sugar and spice. In confronting the many unusual challenges in Weird Dreams, the patient finds his health directly affected while he's on the operating table. Anyone claiming to have figured it all out will need more psychiatric help than the designers of the game. \$39.95
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (301) 771-1151

Welltris™

This game challenges the player to manipulate falling shapes, consisting of various configurations of squares, into solid rows. Pieces appear randomly, one at a time, at the top of any side and slide to the bottom; as they fall, they may be rotated and moved from wall to wall. Earn the highest possible score by forming horizontal or vertical rows with no gaps. \$34.95
Spectrum HoloByte, 2061 Challenger Drive, Alameda, CA 94501, (415) 522-3584

Western European Tour

Our latest and hottest scenery disk available yet! To be used with all subLOGIC flight simulation products. Detailed scenery covering southern Great Britain, northern France, and southern West Germany. The basis of our fun 'Find Red Square' promotion. \$24.95
subLOGIC Corporation, 713 Edgebrook Drive, Champaign, IL 61820, (800) 637-4983

Western Games

Package contains two disks and is played in the tradition of the wild wild West. Actually six great games rolled into one rootin'-tootin' contest. One or two players can compete in a series of wacky Olympic-style contests including: arm wrestling, beer shooting, cow milking, dancing, eating, and quid spitting??? Digitized sound and great animation! \$34.95
DigiTek Software, 8910 N. Dale Mabry Executive Center, Tampa, FL 33614, (813) 933-8023

Where In the U.S.A. Is Carmen Sandiego?

Now she's out to steal the great treasures of the United States. As you travel, you'll learn about the geography, economy, and history of all 50 states plus the District of Columbia. Package includes Fodor's USA travel guide. You'll work your way up through ten detective ranks. Also available in school edition. \$49.95
Broderbund Software Inc., 17 Paul Drive, San Rafael, CA 94903, (800) 527-6263

Where in Europe is Carmen Sandiego?

Carmen strikes again! This time it's the 34 nations of Europe. To help you decipher the clues you uncover, you'll have the Rand McNally Concise Atlas of Europe, plus an on-screen fact-finder's Database and Crimestopper's notebook. \$49.95
Broderbund Software Inc., 17 Paul Drive, San Rafael, CA 94903, (800) 527-6263

Where in Time is Carmen Sandiego?

This exciting detective chase game highlights leading people, events, and inventions of the past 1,500 years. Carmen takes a time machine that allows her and her cohorts to transport themselves back in time from 400 A.D. to the 1950's. As a result, the ex-spy has greatly expanded her area of operations. Carmen dispatches her henchmen to Spain in 1492 to take Queen Isabella's jewels, and orders them to England in 1215 to snatch the Magna Carta. The player takes the part of a detective who has been assigned the task of rounding up the far-roaming renegades. Question witnesses and gather clues in 12 different countries and four different time periods. \$49.95
Broderbund Software Inc., 17 Paul Drive, San Rafael, CA 94903, (800) 527-6263

Where in the World is Carmen Sandiego?

Players are introduced to world geography. Carmen and her notorious band of thieves are on a worldwide crime spree. Using your crime computer at the Acme Detective Agency, you'll gather facts before embarking on an international chase through the beautiful capitals of the world. \$49.95
Broderbund Software Inc., 17 Paul Drive, San Rafael, CA 94903, (800) 527-6263

White Death 1MEG

World War II Eastern Front strategic simulation with digitized sound. Full color graphics. Computer opponent or play by modem. \$59.95
Command Simulations, 330 S. Dekatur, Las Vegas, NV 89107, (702) 870-8162

Who Framed Roger Rabbit

A graphic cross between an arcade game and an adventure game. The story moves through different levels. Objective: Save Toon Town by racing the Weasels through Los Angeles to get to the gag factory and save Jessica from the evil Judge Doom. Move through three sequences: driving with Benny the Cabdriver, clearing tables at the Ink and Paint Club, and outsmarting the Weasels at the Gag Factory. If time runs out, Judge Doom gets Jessica! \$14.95
Walt Disney Computer Software, Inc., 500 S. Buena Vista Street, Burbank, CA 91521, (818) 567-5360

Willow

Relive the excitement of the movie in this exciting adventure. Overthrow the evil Queen Bavmorda in this graphically-impressive game, which includes seven separate adventures. \$39.95
Mindscape, A Software Toolworks company, 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

Windwalker

Lightening-fast martial arts action combined with extensive role-playing. Encounter a variety of colorful characters in palaces, monasteries, pagodas, and countryside located throughout multiple regions. Explore the culture, personalities and events of the ancient Orient. Animated

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Last Minute Additions

combat sequences with authentically-depicted gymnastic and acrobatic movements. Features hundreds of characters including merchants, alchemists, villagers, and farmers. \$39.95
Origin Systems, Inc., P.O. Box 161750, Austin, TX 78716, (512) 328-5490

◆ Wings of Fury

Pilot an F6F Hellcat fighter/bomber through a series of bombing and fleet defense missions over the Pacific. The mission may call for destroying enemy bunkers and machine-gun nests. Or, the pilot might have to brave a storm of fire as he attacks enemy warships. Features include colorful animation and graphics, digitized sound effects for bombs, gunfire, airplane engines, and save game option. \$39.95
Broderbund Software Inc., 17 Paul Drive, San Rafael, CA 94903, (800) 527-6263

Winter Games

Participate in seven different events, from downhill skiing to figure skating. Compete against your friends or the computer. Complete with national anthems. \$29.95
EPYX, 600 Allerton Ave., Redwood City, CA 94063, (415) 368-3200

◆ Wizardry-Bane of the Cosmic Forge

The truest simulation of FRP. From its novel-like plot to its calculated die rolls, Bane of the Cosmic Forge offers uncompromising variety: 11 races, 14 professions, weaponry, physical and academic skills, a researched armament 400 items strong, six spellbooks, and 462 spell combinations. Full-screen animated graphics and digitized sound intensify the gaming experience. \$59.95
Sir-Tech Software Inc., P.O. Box 245, Ogdensburg Business Center Ste. 2E, Ogdensburg, NY 13669, (315) 393-6541

◆ Wonderland

Wonderland draws you into the bizarre logic of Lewis Carroll's spellbinding imagination. You will meet all the main characters from the book: the Mad Hatter and the March Hare at their everlasting tea party, the giant caterpillar, the Queen of Hearts, and more. You will be confronted by puzzles, puns and conundrums, potions and mushrooms, a giant puppy and a miniature tunnel, and challenges enough to keep you within Wonderland's perplexing and magical domains for hours. \$59.99
Virgin Mastertronic International, 18001 Cowan Street, Ste. A & B, Irvine, CA 92714, (714) 833-8710

WordPlex 2.0

Phrase-guessing game similar to TV's Wheel of Fortune. Set difficulty level and number of players. You can define your own data or jargon or use the program's library of phrases. \$39.95
Oxxi/Aegis, 1339 E. 28th Street, Long Beach, CA 90806, (213) 427-1227

WordPlex Data Disks

Over 1000 trivia phrases for use with Word Plex from American History topics (presidents, state capitols, & more), Nature (animals, flowers, natural wonders), and The Bible. \$29.95
Oxxi/Aegis, 1339 E. 28th Street, Long Beach, CA 90806, (213) 427-1227

◆ Wordmai

Wordmai is a simple, addictive, word puzzle game. Now over 100,000 copies sold worldwide. \$29.95
Mica, 2845-140th Ave NE, Bellevue, WA 98005, (206) 883 2876

World Class Leader Board

Update to Leader Board \$44.95
Access Software, Inc., 545 West 500 South Ste. 130, Bountiful, UT 84010, (800) 800-4880

◆ World Class Soccer

Authentic game action. Choice of formations, variable skill, speed, and aggression levels. Full team seeding system. Take your team to the finals. Choose your team from a real squad of

players. Variable match duration—two minutes to 48 minutes. \$44.95

U.S. Gold, distributed by Accolade, 550 South Winchester Blvd., San Jose, CA 95128, (408) 246-6607

World Games

Travel around the world to compete against international athletes in eight sporting events. Ski in France, roll logs in Canada, dive cliffs in Mexico, lift weights in Russia, and ride bulls in the U.S. \$29.95

EPYX, 600 Allerton Ave., Redwood City, CA 94063, (415) 368-3200

World Snooker

Enjoy pool, billiards, and snooker played five different ways from around the world. Great graphics and logical lay-out make it easy to use and fun to play. Zoom-in for precision, play in a practice mode, challenge six different levels against the computer. \$24.95

Artworx, 1844 Penfield Rd., Penfield, NY 14526, (800) 828-2733

World Tour Golf

Choose from over 20 different courses or design your own. Model your player after a favorite pro golfer. Split screen allows player to view overhead golfer's eye-view simultaneously. \$19.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Wrath of the Demon

A multi-disk game that combines state-of-the-art, multi-level parallax scrolling with spectacular graphics, animation and playability. You are on a quest to rid the kingdom of an evil Demon and his minions, rescue the princess, and restore honor to your King. Your quest leads you through caves, swamps, temples, and castles before reaching your ultimate challenge—the Demon himself. See CDTV section also. \$49.95

ReadySoft, Inc., 30 Wertheim Court, Unit 2, Richmond Hill, Ontario, Canada L4B 1B9, (416) 731-4175

XIPHOS

A futuristic space odyssey that combines fast-paced arcade action and sophisticated 3-D flight simulation and strategic adventure in one package. In arcade mode, you are presented an incredibly challenging array of enemy ships with scouts, fighters, cruisers, mother ships, and star bases darting into play. You arm and fire beam and particle weapons, homing and straight-line missiles, and tractor beams while using your compass, and radar displays to keep track of enemy ships. \$39.95

Electronic Zoo, 3431-A Benson Ave., Baltimore, MD 21227, (301) 646-5031

Xenophobe by Medalist International

Classic arcade game of alien extermination. A combination of fast and furious action, high-tech weaponry and detailed, often amusing graphics. Xenophobe puts you in command of three rag-tag squads of scientist and soldiers to reclaim abandoned space stations from alien invaders. Aliens are everywhere in the game and they don't feel like negotiating. From a squad of nine men, the player selects the two best personalities to handle each mission. They then face a continuous wave of strange creatures with names like Roller Baby, Snortpillar, and Tentacle each having its own special way of knocking out human attackers. Soldiers fight back with a smoke gun, laser pistol, lightning rifle, and hand grenades. \$39.95
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (301) 771-1151

◆ Yale Bright Catalog Expansion Disk

Yale Bright Star Catalog adds 9,100 more stars to your Distant Suns sky, which already has more than 2,200. The user is able to pull up data on more than 7,000 of these stars. Hard disk installable. \$18.00

Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515

Zak McKracken And The Alien Mindbenders
 Reporter Zak McKracken and two Yale coeds uncover an alien plot to stupefy all mankind. With this game, you'll enjoy cunning clues and hip humor as you track the mystery to the exotic corners of the Earth and beyond. Off-the-wall clues and fast point-and-click action keep the fun moving. \$44.95

Lucasfilm Games, P.O. Box 10307, San Rafael, CA 94912, (800) 782-7927

Zany Golf

Players maneuver their ball through flashing lights and crazy music in the Pinball Hole; putt under a jumping burger in the Hamburger Hole; and dart laser beams, particle rays and transporter pads in the Energy Hole. The imagination is unleashed in holes featuring moving walls, magic carpets, a castle, and a hole with a mind of its own. \$19.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Zero Gravity

You're on a journey of discovery into the farthest reaches of the universe, charting new courses into the unknown. Because space travel can get monotonous, what can you do? Play Zero Gravity, space age racquetball. You're on one side of the cargo bay in a weightless atmosphere. Use your paddle to hit the red and white ball off the panels to trick your opponent. You use the top half of the screen; your opponent uses the bottom. \$19.95
MichTron, 3201 Drummond Plaza, Newark, DE 19711, (302) 454-7946

◆ Zorc Zero

Pre-Zorc times (before Zorc I, II, or III). Save the universe from the evil wizard. Interactive adventure game. Puzzle-intensive. Light-hearted universe, just as in Zorc I, II, and III. \$19.95
Infocom, See Mediagenic

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Blue Valley Software, 29 Shepard St., Walton, NY 13856, (607) 865-6523

◆ Jacquard Color Separation Program

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◆ Knit Editor Program

The Knit Editor is a utility program designed to be used with freehand drawn and digitized images imported as IFF files. It performs color reductions and then automatically grids the image to your desired stitches and rows. Various display options are given for the final picture including grid numbering, demarkation lines, symbols, variable grid sizes, and more. This program may also be used by needlework people. \$110.00
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◆ Merlin

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NH Enterprises, 22104 66th Avenue West, Mountlake Terrace, WA 98043, (206) 774-7440

Amateur Radio Disks

User-written ham radio public domain and shareware software collection. Send SASE requesting Amiga catalog. \$4.00
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Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

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Tensor Productions, 280 Mathilda Drive No.9, Goleta, CA 93117, (805) 685-2994

Foundation

Foundation, published by Impulse, programmed by Intuitive Technologies, is the ultimate expert system for end users to gain complete control over their Amiga computer system, enabling them to create applications and interactive presentations without prior programming knowledge. The authoring software comes with a freely-redistributed run-time player, allowing stackware created with Foundation to be distributed to all Amiga owners, even those who don't own Foundation. The system fully exploits AREXX and the Amiga's Multitasking power. Foundation stacks are 2.0 and CDTV-compatible. \$250.00
Impulse, Inc., 6870 Shingle Creek Parkway #112, Minneapolis, MN 55430, (612) 566-0221
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A basic picture/text organizer that gives you a format for presenting your pictures and writings to other Amiga owners by using mouse clicks. You'll be able to rapidly show all picture formats and quickly read your documents using this system. Digital Arts/257 \$25.00
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Neuralink, 4422-32nd Street, Lubbock, TX 79410, (806) 793-0423

Thinker 2.1

Thinker 2.1 is a sophisticated hypertext system that combines word processing and outline processing with hypertext. Its editing, outline and database capabilities make it an excellent tool for creative writing, online documentation, planning and design, small business databases, and computer-aided education. Documents containing multi-styled and multi-colored text and images link to other documents, pictures, and applications. Click on a word or phrase and check a reference, view a picture, or launch a Workbench or CLI application and control it with AREXX. \$80.00

Poor Person Software, 3721 Starr King Circle, Palo Alto, CA 94306, (415) 493-7234

◆ Twenty/Twenty Vision

Twenty/Twenty Vision is a step-by-step tutorial that makes it easy to learn the process of creating presentations and applications using AmigaVision. This package gives you all that is needed to build five useful applications. As you work through the progressively detailed tutorials, you will become familiar with many of the terms, icons, and procedures needed to use this effective multi-media tool. Starting with a simple presentation Slide Show and working up to a Database application, you will limit yourself only by your imagination as you decide what to create next. Requires AmigaVision. \$49.95

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◆ VIVA II

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Recipe-Fax 2.0

A complete recipe creation/editing environment. Including allowance for individual editing and/or rearrangement for ingredients and amounts, and for procedures. But that's only the beginning. Recipe-Fax has a powerful recipe list processor to facilitate serving size adjustments, Metric/US unit conversion, shopping list creation and more. Recipes can be printed using a choice of forms. \$44.95

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Designed to work with ACE, this collection includes 160 one-of-a-kind Italian recipes. Compiled with the cooperation of the five-star award-winning 'Ciao's' of West Palm Beach, Florida, this is a serious collection of original great Italian culinary creations. Add your own creations to this fabulous collection. \$24.99

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A memory based index of eleven Amiga specific magazines. Over 4300 entries including author, title, category, type, and comments. Rapid search including wild carding. \$10.00
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▼ DISK MAGAZINES ▼

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Dada Tennis: not your same, old surrealist dada magazine! The alternate reality of ideas! Mystifying graphics, uncomfortable sounds, and painfully funny literate writing that will defy any 'logical' explanation! Your hip ticket into the sweaty truth... \$10.00 per issue.
Dream State Press, P.O. Box 10, Woodhaven, NY 11421, (718) 849-7672

Electronics & Software

Monthly publication from Sweden.
HK Electronics & Software AB, Hemvärnsg 8, Solna S-171 54, Sweden, (011) 46-829-6773

◆ Enchanted Realms

Enchanted Realms, the premier adventure game journal for the Amiga, is a bimonthly combined journal and disk publication devoted completely to adventure gaming on the Amiga. The journal contains reviews of commercial adventures, walkthroughs and hints, articles pertaining to adventure gaming, and regular columns. The disk provides actual adventure games, game

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Digital Expressions, P.O. Box 33656, Cleveland, OH 44133, (216) 582 0910

Graphics Palette Disk Magazine

A three-disk set, produced bi-monthly. Each issue is packed with the latest software/hardware reviews, hints and tips, animated tutorials, DTV-related articles, helpful utilities, and is designed to be as informative, entertaining, and user-friendly as possible, supplying a wealth of information to the beginner, as well as the hardened Amiga desktop-video user. Rate: 12 month subscription \$130. U.S.
FroMate Pty., Ltd., P.O. Box 584, Box Hill Vic 3128, Australia

Jumpdisk

A monthly disk-based magazine for the Amiga. Rates are 12 mos. \$66.00; 6 mos. \$37.00; 3 mos. \$20.00; single issue, \$9.00. \$9.00
Jumpdisk, 1493 Mountain View Ave., Chico, CA 95926, (916) 343-7658

MegaDisc Info Resource

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Signs Etc. by D. Knox, P.O. Box 628, Carmichael, CA 95609, (916) 944-4282

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A sophisticated program with beautiful hi-res graphics, delivering serious insight to natal chart preparation and interpretation. Birth date, time, and location can be used to produce colorful natal charts showing precise planetary locations within the houses, signs, and major aspects of the astrological system in less than two seconds. The natal graphical image can be printed utilizing any paint program supporting 16-color hi-res or black and white. \$25.00
Mystic Software, 706 Richards Drive, Mountain Grove, MO 65711, (417) 926-3266

The Tarot Master

The Tarot Master is the first animated fortune-telling program for the Amiga. Users may receive three- or 10-card readings for any question they choose to ask of the mystic Tarot. The Tarot Master also instructs users in becoming Tarot readers. Three- and ten-card spread readings as well as all 78 card definitions are taught to those who wish to see the future. The Tarot comes to life with exciting animation sequences for all 22 Major Arcana cards. Each animation is designed to impart the meaning of each card into the user's memory. \$29.95
Empire Graphics, P.O. Box 964, Union, NJ 07083, (908) 964-7864

▼ GAMBLING ▼

Lottery Magic

Keeps track of lottery numbers in all states, figures frequency distribution on all numbers, and lets you wheel numbers. \$24.95
Slipped Disk, 31044 John Road, Madison Hgts., MI 48071, (313) 583-9803

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Acorn Of Indiana, 2721 Ohio Street, Michigan City, IN 46360, (219) 879-2284

Professional Lottery System

This is a unique program for analyzing the lottery systems around the world. It is a full-featured generating system which allows for user customization of the software to accommodate almost every possible lottery in the United States and abroad. Features include database computation of daily and lotto-type lotteries, graphs, hot and cold deviations, frequency distribution of the numbers, and a multitude of wheeling systems. Distributed by Mainstream America. \$39.95
Digital Concepts, 43035 Hayes Road, Ste. 229, Sterling Heights, MI 48078, (313) 772-1416

◆ The Complete Lottery Tracker & Wheeler
Use your computer to record, track, and wheel those winning lottery numbers! For Pick-6 games where you choose from up to 70 numbers. Includes all the analysis capabilities you will ever need plus the world's most popular number wheeling systems. Record your bets and check them later for winners. Prints charts, stats, wheeling systems and more! \$49.95
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▼ GENEALOGY ▼

GENP version 1.5

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GENP, 37 Charles St., Cheltenham Victoria 3192, Australia, (011) 61-3-584-2765

◆ Import 1 Utility

A utility to convert 'Your Family Tree' (© 1988, MicroMasters Inc.) files to Norgen Version 2 files. Requires Version 2 of norgen. Instructions provided only on submission of YFT manual cover as proof of purchase.
Norris Software, 3208 West Lake St. Suite #65, Minneapolis, MN 55416, (612) 827-2766

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Norgen—Version 2

of the Genealogy Database

Designed for the home enthusiast and the professional, norgen has unique features of expandable data fields and no logical limit to the number of Subjects, Siblings, Spouses, Children and Notes. Contains all standard reports plus index to all names, validation utilities. Version 2 has added 11 user-defined fields (potential LDS compatibility), 30-generation Descendants charts, ability to search on any combination of fields, family group reports, IFF linkage, custom reports. Supports PAL monitors, foreign Keymaps. 1MB RAM required. \$99.95

Norris Software, 3208 West Lake St. Suite #65, Minneapolis, MN 55416, (612) 827-2766

Your Family Tree 2.0

Your Family Tree makes organizing your family history easy. The program supports 16 million individuals and 16 million family groups. Features include unlimited-length note files using your favorite word processor or text editor; support of IFF pictures; more than 30 printed reports including standard pedigree and descendant charts, mailing labels, and blank forms; many user-definable options; multi-field, multi-condition searching; phonetic name matching; and a complete manual with index, screen shots, and tutorial. Requires 1MB. \$79.95

MICROMASTER Inc., 1085-A Broadhead Rd., Aliquippa, PA 15001, (412) 775-3000

▼ HOME SECURITY ▼

AMI-X10

Works with X10 (U.S.A.) Inc.'s X10 Powerhouse Computer Interface. Accesses 256 different code combinations for timed or immediate command. Stores and retrieves an unlimited number of event schedules. Multitasking. Price is \$124.30 with X-10 hardware. \$59.50

Digital Dynamics, 739 Navy Street, Santa Monica, CA 90405, (213) 396-9771

◆ PowerMaster

Amiga programmable unit to interface with the X-10 home control system. Programs 128 on, off, dim times for 256 plug-in (wall socket) modules. Times can be exact or semi-random (for security) for any day(s) of the week. ARexx interface. AmigaDOS 2.0 compatible, full intuition interface. \$32.00 (software only), \$79.00 (hardware & software).

Complications, 1727 Parkview, Redlands, CA 92374, (714) 794-5311

▼ HANDICAP SUPPORT ▼

◆ KeyWhiz

KeyWhiz provides an image of the keyboard on your Amiga screen and accepts input from a joystick or custom input device that is connected to the second gameboard. Its purpose is to provide an alternate means of inputting keyboard data for individuals who have difficulty using a normal keyboard. Also useful for Kiosk developers. Joystick not included. \$40.00

Integral Systems, P.O. Box 31626, Dayton, OH 45431, (513) 237-8290

▼ NETWORKING ▼

ENLAN Network System

ENLAN is a Phase-IV end-node implementation of Digital Network Architecture (DECnet). It offers the ability to change files and data with DEC VAX/VMS computers, other Amiga computers and machines running the DECnet protocol. ENLAN features a suite of file transfer utilities, allowing remote file copies, directory listings, and file deletions. It also includes a File Access Listener which provides remote access to files residing on the Amiga. \$295.00

Interworks, 195 E. Main Street Suite 230, Milford, MA 01757, (508) 476-3893

◆ Interact

Providing an AppleTalk compatible networking solution, the Interact Software/Hardware package allows you to create an Amiga-only network of up to 32 nodes. You can share hard drives and printers, designate file servers, monitor activity, exchange files and messages, and read files from another node. Not limited to Amiga-only networking, the Net Package also allows you to interface an Amiga with existing AppleTalk networks for output to laser printers. Software and hardware are available for Amiga 500—\$299.00, 2000—\$329.99 series, or 3000 series—\$329.99.

DigiFeX Corporation, 610 Main Street, Oregon City, OR 97045, (503) 656-8818

◆ TCP/IP

Includes TCP/IP and UDP/IP protocol support for DoD and other TCP/IP network applications. Network file system (NFS) client application support for Amiga client side file services from an NFS server. Full host table support for symbolic lookup of internal address numbers. VT100 network terminal emulation for remote access. Supports Ethernet solutions based on both thick and thin Ethernet (Cheapernet). Software utilities include Filesystem automounting on system boot-up, Host table lookup for symbolic ASCII hostname reference of internet address numbers and full local support for protection bit modification of NFS volume files and subdirectories. \$199.95

Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

TSSnet

An implementation of the DECnet network protocol for the Commodore Amiga. Add Amigas to DEC VAX mainframe computer networks. Amigas become Phase IV end nodes when connected to DECnet via the serial port/modem or Ethernet. Supports Ethernet boards from Commodore, GVP, and ASDG. Provides file transfer, terminal emulation, and mail. Fully supports X11 for the Amiga from GfxBase, Inc. \$395.00

Syndesis, N9353 Benson Road, Brooklyn, WI 53521, (608) 455-1422

◆ X Window System for the Amiga

XWindow System Release 4 for the native AmigaDOS. Resolutions to 2048 x 2048 color supported. TWM & OLWM (open look) user interface. Network support: TCP/IP (AS225), DECnet (TSSnet), same ethernet, arcnet, serial DDCMD and slip. Works with VAX's, Suns, Apollos, IBMs, Sonys, etc. Coexists with native workbench, Intuition-user interface. Requires 1 MB RAM (minimum), one floppy drive. \$395.00

Gfx Base, 1881 Ellwell Drive, Milpitas, CA 95035, (408) 262-1469

XII Programmer's System for the Amiga

Develop X11 applications under AmigaDOS. Source code compatible with X11 release, 4 or UNIX bases machines. Works with Gfx Base's window system for the Amiga. Contents: X11 R4 include files, xlib athena widgets, xtoolkit, xmu, BSD socket library networks: ethernet DECnet (TSSnet) top/ip, SANA, arcnet and slip. Requires Lattice 5.10, 3 megs RAM.

Gfx Base, 1881 Ellwell Drive, Milpitas, CA 95035, (408) 262-1469

▼ RELIGION ▼

Bible Files On Disk

Genesis through Revelation, nine disks. ASCII text files to be used with text editors or word processors. Word searching dependant on text editor or word processor's capability. Not copy protected—may be installed on hard drive. King James only. \$29.95

John 1:1 Graphics, P. O. Box 316, Bellflower, CA 90706

Bible Land Map Set (Basic Set)

These Maps cover the entire Mediterranean and Middle East, with exceptional accuracy applied to the land of Palestine (better than 1:250,000).

Ten-disk set includes: 4 base maps(templates); 10 finished maps; assorted clips, and manual. Designed for use in Professional Draw and related programs. Now loadable by PageStream 2.1 in clip form (specify when ordering). EPSF also available by special request. Requires 1.5MB and Professional Draw 2.0(Or PageStream 2.1). \$49.95

Bible Graphics, 2751 Nolan Trace, Leesville, LA 71446, (318) 239-4614

Bible Land Map Set (Reference Set)

This is the disk set that produces an 11 x 21 Reference Map of the land of Palestine. Map is done in two to six printouts (depending on memory and printer), and then pasted together for final copy. Double output size and create a 22 x 42 wall map. 6 disks. Now loadable by PageStream 2.1 in clip form (specify when ordering). Requires 1.5MB and Professional Draw (or PageStream 2.1). \$24.95

Bible Graphics, 2751 Nolan Trace, Leesville, LA 71446, (318) 239-4614

BibleReader! (King James Version)

The BibleReader KJV program contains all 66 books of the King James Version Bible and a large 300-thousand character concordance/reference file. This program features an intuitive mouse-driven User Interface, full 80-column screen display, built-in help screen, user length screen dump to disk printer, Amiga speech and SuperSearch, a feature which allows the user to search for words or phrases across a section or entire Bible. All Bible text files are in ASCII format for universal word processor compatibility. Available on seven 3.5-inch disks. \$49.95

EasyScript! Software, 10006 Covington Drive, Huntsville, AL 35803, (205) 881-6297

BibleReader! (King James Version) (International Version)

The BibleReader program contains all 66 books of the New International Version Bible, an easy-to-read modern-day English translation, and a large 300-thousand character concordance/reference file. This program features Intuitive User Interface, full 80-column screen display, built-in help screen, user length screen dump to disk or printer, Amiga speech and SuperSearch, a feature which allows the user to search for words or phrases across a section or entire Bible. The user also has the option of displaying helpful translator footnotes. All NIV Bible text files are in ASCII format for universal word processor compatibility. Available on seven 3.5-inch disks. \$74.95

EasyScript! Software, 10006 Covington Drive, Huntsville, AL 35803, (205) 881-6297

N.T. Bible Database

The N.T. Bible Database is a database file of the New Testament that is to be used with Superbase Personal 2 or Superbase Professional 3.0 database programs. The New Testament chapter with the data, a two-disk set is available, which includes the King James New Testament text files with an .sbt extension giving you the ability to see each chapter in Superbase's text window as an external text file. An external drive is required. Database \$19.95, Database + New Testament \$29.95.

John 1:1 Graphics, P. O. Box 316, Bellflower, CA 90706

◆ Names of God Database Template

Template for Superbase Pro. To view the word, meaning, reference and Hebrew spelling of the names of God. Uses three windows, external text file, picture. \$9.95

John 1:1 Graphics, P. O. Box 316, Bellflower, CA 90706

◆ On Line Bible

King James Bible, word and phrase search, key words have strong, numbers and definitions. Lexicon and 571,000 cross references. You can also add your own notes to any verse. Fourteen 5.25-inch disks. \$21.00

John 1:1 Graphics, P. O. Box 316, Bellflower, CA 90706

RL-901 In the Beginning

Elementary level. The Biblical story of the creation of the world. From Chapter I of the book of Genesis. An illustrated hardcover book is included. \$29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

RL-902 Adam and Eve

Elementary level. The Biblical story of the fall of Adam and Eve. From Chapters II and III of Genesis. An illustrated hardcover book is included. \$29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

RL-904 Abraham, Friend of God

Elementary levels. The story of Abraham's trust, and God's promise. From Genesis, Chapter XII. An illustrated hardcover book is included. \$29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

RL-932 The First Christmas

Elementary level. The New Testament story of the birth of Jesus in Bethlehem. An illustrated hardcover book is included. \$29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

RL-938 The Story of the Good Samaritan

Elementary level. The parable that showed the importance of treating others as we would want to be treated ourselves. An illustrated hardcover book is included. \$29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

RL-993 In The Promised Land

Five disks. High school to adult. Stories of the Chosen People and their conquest and settlement of the Promised Land. Stories include events from lives of Joshua, Samuel, and David. \$89.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

The Bible on Disk

These document disks contain the text of the King James Version. They can be accessed by any Amiga-compatible word processing program. \$99.00
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

The Context Bible

New International Version. Thinker hypertext format. Write and link reference Bible, commentaries, books, and sermons. Create instant-jump cross-references to verses, words, and topics; interactively linked diagrams and charts; Up to 30 levels selectively revealed outlines. Underline, bold, italicize, color code, and link verses, words and notes. Quickly jump from any verse to any verse using mouse. Up to eight resizeable, stockable windows. Search output verses jump to contexts. Free brochure and demo disk. DOS 2.0 compatible. Price \$50.00, \$100.00 with Thinker. *Neuralink, 4422- 32nd Street, Lubbock, TX 79410, (806) 793-0423*

▼ STATISTICAL ANALYSIS ▼

Biometrics

Edited and expanded material from Sokal and Rohlf's Biometry. Descriptive statistics include stem-and-leaf displays, boxplots, and coded tables. Also includes standard techniques such as histograms, simple data entry, and test analysis. Detailed coverage of statistical distributions, statistical inference, and hypothesis testing—parametric and non-parametric. Also includes a set of programs for the analysis of variance of experiments. \$145.00
Lionheart Press, Inc., P. O. Box 379, Alburg, VT 05440, (514) 933-4918

Cluster Analysis

A collection of all the major cluster analysis algorithms. Data-entry programs allow data entry and transfer to and from popular spreadsheets, scaling of metric data. Cluster analysis programs include procedures based on arbitrary clustering criteria, sum-of-squares of distance criteria, Hmeans and Kmeans, criteria involving invariants, Wmeans, the multiple-location allocation problem, and miscellaneous features like the bond energy criterion technique. Programs provide results for plotting dendrograms. \$145.00
Lionheart Press, Inc., P. O. Box 379, Alburg, VT 05440, (514) 933-4918

Decision Analysis Techniques

Decision theory involving incomplete or conflicting information. Covers the major reaches of decision theory; assurance of samples and experiments, use of modeling and simulation, goal and mathematical programming, decisions under uncertainty and risk, decision tables and trees, and more. \$145.00
Lionheart Press, Inc., P. O. Box 379, Alburg, VT 05440, (514) 933-4918

Descriptive Statistics

Descriptive statistical techniques are primarily graphical. It is useful to calculate things, but it is essential to have a good look at the data before deciding whether or not to enter into heavy-duty numerical analysis. The title Descriptive Statistics is graphics-oriented and makes use of the new EDA techniques. You are able to examine your data with letter-value displays, stem-and-leaf displays, and boxplots. When fitting data to a line you will be able to run a resistant line through the data points as well as carry out regression calculations. Analysis of variance is complemented by median polish and the preparation of coded tables. The distribution of data points can be checked by drawing rootograms. The program set includes crosstabulations, distributions, regression, sensitivity analysis, and more. \$145.00
Lionheart Press, Inc., P. O. Box 379, Alburg, VT 05440, (514) 933-4918

Econometrics

Covers most of the material in Johnson's Econometric methods. Topics include statistical distribution and inference, multilinear regression, including weight regression models, ridge regression, splines, legit analysis; models using simultaneous equations, models based on time series, autocorrelation, seasonal models, lagged variables, the Cochran-Orcutt correction for autocorrelation, and more. Includes full set of transfer programs. \$145.00
Lionheart Press, Inc., P. O. Box 379, Alburg, VT 05440, (514) 933-4918

Experimental Statistics

Covers distributions and sampling, statistical inference, regression analysis, experiment design, and variance analysis. Describes background and usage of statistics, with examples. Program instructions detail the 60 programs included in the package. Specific topics include sampling distributions, application of the Central Limit Theorem, inverse and non-central distributions, statistical inference and hypothesis testing, regression analysis, profit analysis, and more. \$145.00
Lionheart Press, Inc., P. O. Box 379, Alburg, VT 05440, (514) 933-4918

Forecasting and Time Series

Covers the general methods of analysis of time-series and the forecasting techniques based on those methods. All types of time-series considered, those with trends, seasonableness, and periodicity, autoregression, etc. Time-series used include stock prices and a utilities index to population series. Provides elaborate data entry and transfer facilities. Time-series analysis covers the study of periodicity, correlation, and cross-relation, autoregression, Fast Fourier Transforms, and more. \$145.00
Lionheart Press, Inc., P. O. Box 379, Alburg, VT 05440, (514) 933-4918

Linear and Non-Linear Programming

Programs based on the SIMPLEX algorithm and the Monte Carlo technique. Implements general purpose and non-linear programming programs using a Monte Carlo technique. Special problems handled include distribution and transportation, assignment, and travelling salesman problems. \$145.00
Lionheart Press, Inc., P. O. Box 379, Alburg, VT 05440, (514) 933-4918

Matrix Operations

Performs simple operations like matrix routines, addition, multiplication, transposition, and inversion. More complex routines find the given values of symmetric and non-symmetric matrices, and Cholesky decomposition of matrices. Provides solution of sets of similar equations. Also provides data transfer programs for easily moving files to and from spreadsheets. \$125.00
Lionheart Press, Inc., P. O. Box 379, Alburg, VT 05440, (514) 933-4918

Multivariate Analysis

Covers the major topics of multivariate analysis for those who have received formal training in that discipline. Manual and programs cover the major topics of the discipline, including multilinear regression, correction analysis, factor analysis, discriminant analysis, canonical component analysis, and residual analysis. Multiple population topics include MANOVA with and without a co-variate. Includes full cross-tabulation program, and profit analysis programs. \$145.00
Lionheart Press, Inc., P. O. Box 379, Alburg, VT 05440, (514) 933-4918

Optimization

Covers major topics in optimization: optimization by sampling and inference, optimization by experiment, including the use of response-surface experiments and orthogonal arrays; optimization by mathematical programming, and more. Special topics study queues and simulated queueing systems, inventory problems; optimizing financial portfolios. General-purpose optimization program Optimize allows optimizing user-defined function; Simulate provides the response of a user-defined function to random inputs. \$145.00
Lionheart Press, Inc., P. O. Box 379, Alburg, VT 05440, (514) 933-4918

Project Planner (PERT & CPM)

Handles job scheduling and optimum assignments. Major project planning based on the PERT and Critical Path Analysis techniques. Programs are activity-oriented; user must prepare the network of activities. PERT produces the critical path and probability of finishing on time. CRITPATH produces the critical path, then provides a report on all non-critical activities—latest starting times, earliest finishing times, etc. Planner is a full-featured project-management program. \$145.00
Lionheart Press, Inc., P. O. Box 379, Alburg, VT 05440, (514) 933-4918

Regression

Comprised of procedures based on the least squares technique. Program set includes simple linear regression, four multilinear regression programs, ridge regression, and regression using orthogonal polynomials. Provides a Durbin-Watson program to study the statistical quality control and all information related to chart preparation. Includes large section on the analysis of variance and experiment design. Topics and software cover traditional and more sophisticated quality control methods. \$145.00
Lionheart Press, Inc., P. O. Box 379, Alburg, VT 05440, (514) 933-4918

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Desktop Publishing
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CDTV
PDS Guide
AMICUS Index
Fred Fish Index
Vendor/Product Registration
AC Back Issue Index
User's Groups
Vendor Information
Product Index by Product
Product Index by Vendor
Category Index
Last Minute Additions

▼ TELECOMMUNICATIONS ▼

A-Talk III

For communications and terminal emulation on the Amiga. Includes X, Y, ZMODEM, KERMIT, and ASCII protocols. Script language with over 40 commands, unattended mode, 60-entry phone directory, quick menu for global selections, and 2-, 4-, 8-color support. \$99.95
Oxxi/Aegis, 1339 E. 28th Street, Long Beach, CA 90806, (213) 427-1227

Amigaterm

Sophisticated emulation and telecommunications package that is easy to use. Select up to 130 columns to be displayed on screen. Pull-down windows make operations simple. This package supports X-modem and CompuServe B protocols. \$29.95
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

BBS-PC!

An electronic bulletin board system that gives the user full control over the menu and operation. Featuring 16 user-definable sections, private E-mail and total data security, BBS-PC! is the standard. \$149.95
Micro-Systems Software, 12798 Forest Hill Blvd. Ste. 202, West Palm Beach, FL 33414, (407) 790-0772

Baud Bandit v1.5

User-friendly telecommunications software. Clipboard support, macros, programmable function keys, and full ARexx support. Greater control of programs and peripherals through numerous new ARexx commands. Version 1.5 adds customizable modem and config windows and a toggle feature so users can turn their printers on and off. Other additions include VT style cursors that can be emulated through the cursor keys, Auto Baud capability, and a serial input/output feature that can be disabled by the user. Upgrade improvements include enhanced file requesters, an unlimited phonebook file size, and an advanced chat mode editing. The scrolling review and backscroll buffer sizes have been increased and the protocols have been adjusted for more compatibility. Upgrade cost is \$10. with the return of the original program disk. \$49.95
Progressive Peripherals & Software, 464 Kalamath St., Denver, CO 80204, (303) 825-4144

Dr. Term Pro

Powerful telecommunications software with main-frame emulations and protocols. \$79.95
Progressive Peripherals & Software, 464 Kalamath St., Denver, CO 80204, (303) 825-4144

MiddleMan

Fast and accurate VT100 emulation. Supports numeric keypad, graphics character set, local file printing, text file transfer, and more. \$59.95
Benaiah Computer Products, Inc., P.O. Box 14502, Huntsville, AL 35815, (205) 536-9933

MiddleMan II

Tektronix 4105 color graphics terminal emulator. Supports four screen resolution modes, up to 32 colors, and VT100 emulation. \$149.95
Benaiah Computer Products, Inc., P.O. Box 14502, Huntsville, AL 35815, (205) 536-9933

MindLink

Powerful Amiga modem package. The most versatile set of controls in any telecommunications program. Brings new ease of use to telecommunicating. Data speeds from 300 baud to midi (31.25K baud). Protocols include X-, Y- and Z-modem. Enter BBS commands by clicking on any word or character on the screen! Exclusive chat-modem mode allows you to talk while trans-

ferring files! Real-time monitoring of on-line charges. Programmable timer. Integrated script language-design your own modem utilities. Integrated CLI and text editor. User-definable ASCII table (both send and receive). Requires 512K and one drive. \$49.95

Centaur Software, Inc., P.O. Box 4400, Redondo Beach, CA 90278, (213) 542-2226

Online Platinum Edition

Incorporates all the features listed under The Works! Telecommunications Module. Includes new Research and Development Division design named Sadiel, a two way file transfer and chat protocol that lets you download and upload simultaneously. \$69.95
Micro-Systems Software, 12798 Forest Hill Blvd. Ste. 202, West Palm Beach, FL 33414, (407) 790-0772

ProImage V1.1

ProImage is a custom, menu-driven software program designed to display and update color IFF images in a seamless fashion. It supports high resolution images in up to 4096 colors plus animations. ProImage has been designed specifically for remote operation. A powerful scripting capability enables sequencing pages in a loop or random fashion with date and time control of page selection. Seamless addition or deletion of page is possible without taking the system off line. New pages may be batched and archived for faster transmission using LZHUF compression and decompressed remotely afterwards. \$495.00
Communication Systems Engineering, 4 Todd Rd., Nashua, NH 03060, (603) 883-0223

ProtoCall

Fully-featured telecommunication package designed to utilize all the power of the Amiga. \$49.95
Data Solutions, 43624 Appomattox Court, Canton, MI 48188, (313) 397-2889

Star-Net BBS V1.0

Successor to Paragon BBS. Star-Net BBS is a powerful BBS program, featuring Fido-Net networking (no additional software needed), multi-line capability, two-modem with batch and resume, on-line programs (door), menu compilation, locked baud rates, and much more. System requires 1MB RAM and a hard disk. \$165.00
Star-Systems Software, P.O. Box 384, North Grafton, MA 01536, (508) 839-3739 voice

◆ Sterling Service BBS

Friendly, easy-to-use, full-featured Amiga bulletin-board system. Uses graphics, logical menus and intelligent requesters to make setting up and operating a BBS a breeze. Requires 1 meg. \$149.95
Free Spirit Software, Inc., P.O. Box 128, 58 Noble St., Kutztown, PA 19530, (215) 683-5609

VTX On-Line

State-of-the-art graphics communication program offers on-line help with pages referenced to the manual, scripting with automatic generation, clipboard compatible capture buffer, and mouse or menu interface. Supports CompuServe GIF raster graphics with HAM mode support for 256 colors. Protocols include ASCII, Xmodem, Xmodem-1K, Ymodem, Kermit, and more. \$79.95
MichTron, 3201 Drummond Plaza, Newark, DE 19711, (302) 454-7946

◆ X Window System for the Amiga

XWindow System Release 4 for the native AmigaDOS. Resolutions to 2048 x 2048 color supported. TWM & OLWM (open look) user interface. Network support: TCP/IP (AS225), DECnet (TSSnet), same ethernet, arcnet, serial DDCMD and slip. Works with VAX's, Suns, Apollos, IBMs, Sonys, etc. Coexists with native workbench, Intu-

ition-user interface. Requires 1 MB RAM (minimum), one floppy drive. \$395.00
Gfx Base, 1881 Ellwell Drive, Milpitas, CA 95035, (408) 262-1469

term2200

Emulates the Tandberg 2200 terminal, commonly used with Norsk Data minicomputers. It displays Norwegian, Swedish, German, and English characters, and the <esc>N and <esc>O character sets. Baud rates up to 9,600 are supported. Push keys, F keys, and many of the 2200's special function keys, such as COPY, EDIT, MARK, and PRINT are supported. PC/Link and XMODEM file transfer is supported, as well as the auxiliary printer. This product functions properly with NOTIS-WP, NOTIS-ID, and User Environment. \$125.00
Venn Software Ltd., 328-1027 Davie Street, Vancouver, B.C., Canada V6E 4L2

term6312

Emulates the Concurrent (Perkin-Elmer) 6312, 1251, and 1200 terminals. All functions required by Reliance R08, MEDIT, and LEX are supported. It supports blinking, underlined, low intensity, and non-display fields. The status line, 32 function keys, and audible beep are available. Baud rates from 300 to 9,600 are supported. The auxiliary printer is supported. \$150.00
Venn Software Ltd., 328-1027 Davie Street, Vancouver, B.C., Canada V6E 4L2

▼ TUTORIALS ▼

AmiKit

Introduction to the Workbench and CLI. The AmiKit includes hands-on step-by-step instructions, an informative book to start using Workbench and CLI. The CLI section of the book is divided into two chapters: Introduction to the CLI and the most useful, CLI Commands, which includes examples on the new 1.3 Workbench. Also introduces the modem to access bulletin boards which offer free downloadable public domain software. Package also includes a list of books and magazines that are of interest to beginners and advanced users. Includes 3 disks—two public domain programs, and the latest official version of Workbench. \$39.95
Vega Technologies, 2302 D Avenue Ste. 104, National City, CA 92050, (619) 477-5887

Mastering CLI and the SHELL

Interactive tutor. Allows user to type in commands with various options. Shows results and explains them in detail. New users will be using CLI from the start. Uses the common commands extensively to familiarize new user with CLI environment. Also includes The Assistant, a memory-resident reference of 21 most commonly used commands to provide quick on-line help. New version: 2.5 features full AmigaDOS 1.3 and SHELL coverage. Over 250 pages of tutorials-interactive instruction. 1000 plus typed-in examples, diagrams, numerous ready-to-run script files. Expanded online help, hard disk installation routines, and more. \$39.95
Graphic Expressions, P.O. Box 110028, Nutley, NJ 07110, (201) 661-0408

◆ Up & Running

With the Amiga 500 finally going mass market, there are thousands of newcomers wading through a sea of technobabble in search of useful knowledge. Up & Running is an on-disk tutorial that specifically targets the novice end-user. From the publishers of Point & Click, Up & Running speaks to these people in plain English and is refreshingly simple to use. \$29.95
Computer Support, P.O. Box 463, Salem, OR 97308, (503) 743-4449

▼ KNITTING/WEAVING ▼

◆ KnitterChart

Graphic orientated charting program for users of knitting machines. Input by mouse or keyboard. Takes swatch data and desired sweater dimensions. Outputs complete set of machine orientated instructions in verbal form, in table form, or abbreviated form with diagram to screen or printer. Also outputs IFF. System requires A500/1000/2000/3000, 512k, 1 floppy (minimum). NTSC/PAL compatible. \$195.00
FalconSoft Research, P.O. Box 267, Eastern Passage, Nova Scotia, Canada B3G 1M5, (902) 465-7020

Weave-It

Weaving program with six grid sizes, any six colors at one time, 12 harnesses, and 14 treadles. Modify drawdown or design colors anytime. Change threading, tie-up, or treadling anytime. Compatible with other Amiga graphics software. Saves in IFF format. \$74.95
Joyce I. Peck, P. O. Box 1051, Qualicum Beach, BC, Canada V0R 2T0, (604) 752-3364

Weave-It Plus

All the features of Weave-It with the utility programs Fibre-Facts and Calculate-It. Both utility programs fully use the Amiga interface, do point-and-click calculations, convert standard measures to metric, and print calculations to any Amiga preferences printer. \$89.95
Joyce I. Peck, P. O. Box 1051, Qualicum Beach, BC, Canada V0R 2T0, (604) 752-3364

▼ DESKTOP PRESENTATION ▼

◆ MediaShow

MediaShow is a multimedia sequencer for creating presentations and desktop video productions of all kinds, quickly and easily, especially on the Amiga 500. It allows the user to combine and play animations, graphics, music, and sound effects. It features a built-in video titler that can overlay text on top of movies with special effects such as multi-colored extrusions, shadows, and outlines. MediaShow supports files from most paint programs, 3-D rendering and animation programs, music programs, and sound digitizers/editors. No additional hardware is required. \$129.95
Gold Disk, Inc., 5155 Spectrum Way, Unit 5, Mississauga, Ontario, Canada L4W 5A1, (416) 602-4000

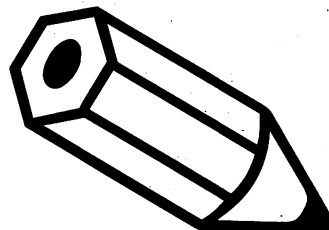
◆ Scala

Scala provides an easy-to-use interface where every selection is made through 'screen-buttons' labeled in plain language. The presentation system includes eight disks; five consist of background art, and two hold the fonts. Scala includes a wide range of backdrop images, and a set of 30+ palettes compatible with all backgrounds. Typography effects include tilt, underline, drop shadow, and 3-D. Other features include animation, transitions, easy transfer of presentations to different media, and the ability to save the layout of a screen. \$395.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
please see display ad inside front cover

◆ ShowMaker

ShowMaker is a new software product that lets anyone create finished presentations containing a variety of media, including video titling, sounds, pictures, animations, MIDI music, and genlocked video from a wide range of sources, including laser disks, VCRs, and audio tape recorders. ShowMaker allows you to construct persuasive, self-running 'shows' containing Amiga-based and non-Amiga-based elements. It also comes with a special facility that gives you accurate control of a presentation and its timing. Works with Amiga 1000, 2000, 2500, or 3000. 1MB of RAM required.
Gold Disk, Inc., 5155 Spectrum Way, Unit 5, Mississauga, Ontario, Canada L4W 5A1, (416) 602-4000

KNOW THE AMIGA?

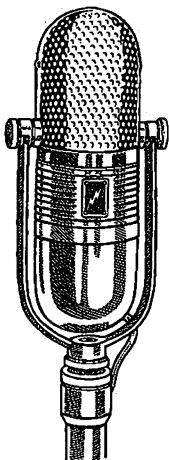


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▼ EXTERNAL FLOPPY DRIVES ▼

3.5-inch Slimline Drive

A 3.5-inch floppy disk drive, Slimline design is only 1-inch-high. Has 26-inch cable for easy positioning. It also has through-port for connecting additional drives. \$139.95

Datel Computers, 3430 E. Tropicana #67, Las Vegas, NV 89121, (800) 782-9110

A1011 3.5 Floppy

Your expanding business and personal needs demand extra versatility and increased productivity. Add the A1011 to your system as an additional external drive and enjoy increased storage. With the internal drive, the A1011 will support a business environment with greater capacity and fast back-up. \$169.00

Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

AE 880K Drive

Standard 3.5-inch drive. The AE880K Drivesports a tough aluminum case, custom molded cable and an on/off disable switch. Compatible with all Amigas, complete daisy-chain capacity, pass through connectors, MS-DOS compatible.

Applied Engineering, P.O. Box 5100, Carrollton, TX 75011, (214) 241-6060

AE High Density Drive

A high-density 3.5-inch external disk drive compatible with all Amigas. Supports both standard 880K and high-density disks. Electronic disk ejection. Housed in a thick, high impact, Amiga-beige ABS case, and the drive incorporates the finest Sony drive mechanism available. 1 year warranty. \$239.00

Applied Engineering, P.O. Box 5100, Carrollton, TX 75011, (214) 241-6060

Air A1010

External 3.5-inch 880K disk drive with on/off switch and pass-through. \$199.00

Advanced Integration Research, 3006 North Main Street, Logan, UT 84321, (801) 752-2501

CI Hard Pro 100™

A 100 megabyte external hard disk drive. The drive comes pre-formatted with ten megabytes of public domain software on it. The drive also has a high-quality power control center. \$1599.00

Corwyn International, 977 Seminole Trail, Charlottesville, VA 22901, (804) 974-1690

CI Hard Pro 1200™

A 1200 megabyte external hard disk drive. The drive comes pre-formatted with ten megabytes of public domain software on it. The drive also has a high-quality power control center. \$9999.00

Corwyn International, 977 Seminole Trail, Charlottesville, VA 22901, (804) 974-1690

CI Hard Pro 150™

A 150 megabyte external hard disk drive. The drive comes pre-formatted with ten megabytes of public domain software on it. The drive also has a high-quality power control center. \$2399.00

Corwyn International, 977 Seminole Trail, Charlottesville, VA 22901, (804) 974-1690

CI Hard Pro 180™

A 180 megabyte external hard disk drive. The drive comes pre-formatted with ten megabytes of public domain software on it. The drive also has a high-quality power control center. \$2599.00

Corwyn International, 977 Seminole Trail, Charlottesville, VA 22901, (804) 974-1690

CI Hard Pro 200™

A 200 megabyte external hard disk drive. The drive comes pre-formatted with ten megabytes of public domain software on it. The drive also has a high-quality power control center. \$2799.00

Corwyn International, 977 Seminole Trail, Charlottesville, VA 22901, (804) 974-1690

CI Hard Pro 20™

A 20 megabyte external hard disk drive. The drive comes pre-formatted with ten megabytes of public domain software on it. The drive also has a high-quality power control center. \$799.00

Corwyn International, 977 Seminole Trail, Charlottesville, VA 22901, (804) 974-1690

CI Hard Pro 300™

A 300 megabyte external hard disk drive. The drive comes pre-formatted with ten megabytes of public domain software on it. The drive also has a high-quality power control center. \$3899.00

Corwyn International, 977 Seminole Trail, Charlottesville, VA 22901, (804) 974-1690

CI Hard Pro 30™

A 30 megabyte external hard disk drive. The drive comes pre-formatted with ten megabytes of public domain software on it. The drive also has a high-quality power control center. \$899.00

Corwyn International, 977 Seminole Trail, Charlottesville, VA 22901, (804) 974-1690

CI Hard Pro 46™

A 46 megabyte external hard disk drive. The drive comes pre-formatted with ten megabytes of public domain software on it. The drive also has a high-quality power control center. \$999.00

Corwyn International, 977 Seminole Trail, Charlottesville, VA 22901, (804) 974-1690

CI Hard Pro 600™

A 600 megabyte external hard disk drive. The drive comes pre-formatted with ten megabytes of public domain software on it. The drive also has a high-quality power control center. \$5299.00

Corwyn International, 977 Seminole Trail, Charlottesville, VA 22901, (804) 974-1690

CI Hard Pro 60™

A 60 megabyte external hard disk drive. The drive comes pre-formatted with ten megabytes of public domain software on it. The drive also has a high-quality power control center. \$1199.00

Corwyn International, 977 Seminole Trail, Charlottesville, VA 22901, (804) 974-1690

CI Hard Pro 80™

A 80 megabyte external hard disk drive. The drive comes pre-formatted with ten megabytes of public domain software on it. The drive also has a high-quality power control center. \$1299.00

Corwyn International, 977 Seminole Trail, Charlottesville, VA 22901, (804) 974-1690

◆ Cortex External 3.5-inch Floppy Drive

High-quality silent mechanism. Through port. Enabled/Disable switch.

Cortex Design Technologies Ltd., Britannia Buildings, 46 Fenwick Street, Liverpool L27NB, England, 011-4451-236-0480

Enhanced UniDrive

A 3.5-inch external floppy drive, on-off switch, low power consumption, whisper quiet operation, does not click when diskette is removed. With 12-month warranty. Upgradable to Enhanced TwinDrive. Has LED track display for read and write activity. Has virus protection hardware installed. Features are switch-deselectable. Pass-through connector. \$149.00

M.A.S.T. Memory and Storage Technology, Inc., 1395 Greg Street, Sparks, NV 89431, (702) 359-0444

Ext. 3.5 Drive

Introducing the new external 880K, 3.5-inch drive, fully compatible with the A500 and A2000. \$125.00

Kinson Products Corporation, 484 Sunrise Highway, Rockville Centre, NY 11570, (516) 763-1025

◆ File Runner 51/4

External 5.25-inch floppy drive, pass through switch, 360K/800K. \$165.00

Pre'spect Technics Inc., P.O. Box 670 Station H, Montreal, Quebec, Canada H3G 2M6, (514) 954-1483

◆ FileRunner FD3.5

Slim line external floppy drive. Pass through on/off switch. LED> 8w power. \$145.00

Pre'spect Technics Inc., P.O. Box 670 Station H, Montreal, Quebec, Canada H3G 2M6, (514) 954-1483

Master-3A

A 100% Amiga-compatible, 3.5-inch disk drive. Extremely quiet operation, double-sided/double density 1 MB capacity. Durable metal case eliminates radio frequency interference and drive noise. Pass-through connector lets you easily add additional drives. A 28 shielded input cable, spring loaded door, smaller slimmer design (4 x 1.25 x 9). Consumes less power. \$134.00

Konyo International, Inc., 1073 North Batavia St., Ste. B, Orange, CA 92667, (800) 356-5178

◆ RF302C

A 3.5-inch 880KB external floppy disk drive. ROCTEC Electronics Inc., 170 Knowles Drive, Ste. 202, Los Gatos, CA 95030, (408) 379-1713

◆ RF332C 3.5-inch 880K Ultra Slim External Floppy Drive

This 3.5-inch 880K external floppy drive is 0.9 in. high with low power consumption (0.025 Watt stand by, 1.8 Watt when Read/Write). This drive is extremely quiet. There is a daisy chain port on the drive for the connection of more drives. \$130.00

ROCTEC Electronics Inc., 170 Knowles Drive, Ste. 202, Los Gatos, CA 95030, (408) 379-1713

◆ **RF542C 5.25-inch 880/360 K Floppy Drive**
This external 5.25-inch floppy drive is 40/80 track switchable. It will format, Read/Write 880 in Amiga mode. Working in conjunction with a Bridgecard or Atonce card, it will do 360K format. \$220.00
ROCTEC Electronics Inc., 170 Knowles Drive, Ste. 202, Los Gatos, CA 95030, (408) 379-1713

Rodeo Drive (CA•880SL)
The smallest external disk drive available for the Amiga! Measuring only 7.25 inch x 4 inch x .75 inch (lwxh), the CA•880SL offers all the reliability and efficiency of the standard CA•880, and has an unbelievably small package. Fully compatible with the A1010 drives, the CA•880SL has a formatted capacity of 880K while consuming only 1.5 W for read/write operations. Includes pass through for daisy-chaining. What's more, there's no annoying 'clicking' sound when no disk is in the drive. \$229.95
California Access, 130 Knowles Drive, Los Gatos, CA 95030-1832, (408) 378-0340

The Master-3A
Significantly smaller and slimmer than the A1010, The Master 3A comes with a 27-inch cable and is covered by a 1-year warranty. Low power consumption and a pass-through allow daisy chaining of the drives. \$159.00
Surfside Components Int., P. O. Box 1836, Capitola, CA 95010, (800) 548-9494

TwinDrive
Two 3.5-inch external floppies in one slimline case. On/off switch for each drive. Silent when diskettes removed. Low power. Whisper quiet operation. Twelve-month warranty. Pass-through connector. Upgradable to Enhanced TwinDrive. \$269.00
M.A.S.T. Memory and Storage Technology, Inc., 1395 Greg Street, Sparks, NV 89431, (702) 359-0444

UniDrive
A 3.5-inch external floppy drive, on-off switch, low power consumption, whisper quiet operation, does not click when diskette is removed. Twelve-month warranty. Upgradable to Enhanced UniDrive or TwinDrive. \$99.00
M.A.S.T. Memory and Storage Technology, Inc., 1395 Greg Street, Sparks, NV 89431, (702) 359-0444

▼ INTERNAL FLOPPY DRIVES ▼

A2010 3.5 Internal Floppy
3.5-inch horizontal floppy, no external power supply. Maximum transfer rate of 250 K/sec.; reads an entire track at one time; supports fast data transfer rates. MFW read/write format, 880K storage capacity, double-sided/double density; formatted in 160 tracks with eleven 512 byte sectors each. Power supplied by the A2000 computer system. \$159.00
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

Air A2010
Internal 3.5-inch 880K disk drive for A2000 series. Includes instructions and mounting hardware. \$150.00
Advanced Integration Research, 3006 North Main Street, Logan, UT 84321, (801) 752-2501

Air A3010
Internal 3.5-inch 880K disk drive for A3000 series. Includes instructions and mounting hardware. \$150.00
Advanced Integration Research, 3006 North Main Street, Logan, UT 84321, (801) 752-2501

Internal A2000 Drive
Features the same high-quality Fujitsu drive as Unidrive. Also includes our proprietary no-click logic to prevent the annoying click that occurs when a diskette is removed. Other features include low power, A2000 size bezel, and a limited 12-month warranty. \$83.00
M.A.S.T. Memory and Storage Technology, Inc., 1395 Greg Street, Sparks, NV 89431, (702) 359-0444

◆ **RFB354C**
This is an internal 3.5-inch 880 K floppy drive for all Amiga systems. \$120.00
ROCTEC Electronics Inc., 170 Knowles Drive, Ste. 202, Los Gatos, CA 95030, (408) 379-1713

▼ FLOPPY DRIVE ACCESSORIES ▼

ECE Alignment Kit
Aligns Amiga 3.5 disk drives. Uses Analog Alignment Disk. ECE program disk contains graphic representations of signals on the Alignment disk. Includes board and cable, manual, more. Uses mouse or keyboard. (Function key template included.) \$175.00
Amazing Computers, 1441 E. Fletcher Ave. Ste. 1450, Tampa, FL 33612, (813) 977-6511

◆ **RV300C Anti Virus Device**
This is a device to be connected between the external floppy drive and the Amiga system. The device provides write-protect function to the external drive connected to it. It further provides a virus protect function to stop any attempt to write on track zero for both internal and external floppy drives on the system. The device additionally displays the track position of the magnetic head of the external floppy. This is a perfect add-on for all new or installed drives. \$50.00
ROCTEC Electronics Inc., 170 Knowles Drive, Ste. 202, Los Gatos, CA 95030, (408) 379-1713

▼ HARD DRIVES ▼

A590 20MB External Hard Drive
A 20MB hard disk drive for the Amiga 500 that allows for 2MB RAM memory expansion and SCSI port. \$629.00
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

BYTE 'N' BACK 3.0
A simple point-and-click user interface provides instant access to sorted directories, subdirectories, and files with BYTE 'N' BACK automatically calculating the number of floppy disks required as files are selected. The program uses asynchronous scan mode to allow file selection to be accomplished rapidly and easily. BYTE 'N' BACK is compatible with Kickstart 1.2, 1.3, and 2.0. \$69.00
Spirit Technology Corp., 220 W. 2950 S., Salt Lake City, UT 84115, (800) 433-7572

ESDI Model 1350
Compatible with the Commodore host/controller, C-LTD host/controller, and others. Model 1350. Capacity 85-170 MB 23 m/sec. \$1490.00-\$1690.00
Micropolis Corporation, 21211 Nordhoff Street, Chatsworth, CA 91311, (818) 718-5555

ESDI Model 1558-15
Compatible with the Commodore, host/controller, C-LTD host/controller, and others. Model 1558-15. Capacity 382 MB, 18 m/sec. \$2820.00
Micropolis Corporation, 21211 Nordhoff Street, Chatsworth, CA 91311, (818) 718-5555

ESDI Model 1650
Compatible with the Commodore host/controller, C-LTD host/controller, and others. Model 1650. Capacity 104-182 MB, 16 m/sec. \$1695.00
Micropolis Corporation, 21211 Nordhoff Street, Chatsworth, CA 91311, (818) 718-5555

◆ **Fujitsu 42MB**
A Fujitsu 1-inch high, 3.5-inch hard drive, 42MB. *Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770*
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◆ **Fujitsu SCSI Hard Drives**
M.A.S.T. is a major supplier of highest quality and performance Fujitsu SCSI drives. Made to most exacting specifications with 200,000 MYBF, the industry's best rating. Prices are 45MB \$299.00, 90MB \$499.00, 136MB \$599.00, 330MB \$1599.00, 660MB \$1999.00 and 1.2 Gigabyte \$3299.00.
M.A.S.T. Memory and Storage Technology, Inc., 1395 Greg Street, Sparks, NV 89431, (702) 359-0444

Maxtor LXT-200AT
A Maxtor 3.5-inch hard drive, 200MB. Call for price. \$1199.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
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◆ **Quantum 105LPS**
A Quantum 1-inch high, 3.5-inch hard drive. 105MB. \$699.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
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◆ **Quantum 52MB**
A Quantum 1-inch high, 3.5-inch hard drive. 52MB. \$449.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
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Quantum/40AT
A Quantum Prodrive, 40 MB, AT-type drive. 19/11ms. \$399.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
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Quantum/80AT
A Quantum Prodrive, 80 MB, AT-type drive. 19/11ms. \$549.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
please see display ad inside front cover

SCSI Model 1370
Compatible with the Commodore host/controller, C-LTD host/controller, and others. Model 1370. Capacity 85-170MB, 23 m/sec. \$1670.00-\$1875.00
Micropolis Corporation, 21211 Nordhoff Street, Chatsworth, CA 91311, (818) 718-5555

SCSI Model 1578-15
Compatible with the Commodore host/controller, C-LTD host/controller, and others. Model 1578-15. Capacity 382 MB, 18 m/sec. \$2820.00
Micropolis Corporation, 21211 Nordhoff Street, Chatsworth, CA 91311, (818) 718-5555

SCSI Model 1670
Compatible with the Commodore host/controller, C-LTD host/controller, and others. Model 1670. Capacity 104-182 MB, 16 m/sec. \$1695.00
Micropolis Corporation, 21211 Nordhoff Street, Chatsworth, CA 91311, (818) 718-5555

SSD 20
An external hard drive subsystem utilizing the SSD chassis, and a 20 MB 5.25 half height drive featuring 65 m/sec. average access time. Shipped with all necessary cables, fully formatted and tested. SCSI host adaptor required. (SA500, SA1000, or SA2000 recommended). SSD 40 available with 40MB, for \$1735.00 Canadian. \$1437.00
Comspec Communications, 74 Wingold Ave., Toronto, Ontario, Canada M6B 1P5, (416) 785-3553

Graphic Arts
Desktop Video
Word Processing
Desktop Publishing
Music
Education
Business & Home Productivity
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ST-506 Model 1320

Compatible with the Commodore host/controller, C-LTD host/controller, and others. Model 1320. Capacity 42-85 MB, 28 m/sec. \$799.00-\$1180.00.

Micropolis Corporation, 21211 Nordhoff Street, Chatsworth, CA 91311, (818) 718-5555

▼ HARD DRIVES COMPLETE ▼

FileRunner™ Changeable Disk external

Internal SCSI changeable subsystem for any Amiga with SCSI controller (A590). Fits neatly under the monitor. 28ms/44MB.

Pre'spect Technics Inc., P.O. Box 670 Station H, Montreal, Quebec, Canada H3G 2M6, (514) 954-1483

FileRunner™ Changeable Disk internal

Internal SCSI changeable subsystem for Amiga 2000/2500. 28ms/44MB.

Pre'spect Technics Inc., P.O. Box 670 Station H, Montreal, Quebec, Canada H3G 2M6, (514) 954-1483

◆ Pocket Tiger 45MB SCSI Drive

Pocket size one-inch-high external hard drive. 45MB. Fast, reliable, low power, cost effective. 19msec drive mechanism. Plugs into StarBlazer, A590 as second drive, or any SCSI interface.

M.A.S.T. Memory and Storage Technology, Inc., 1395 Greg Street, Sparks, NV 89431, (702) 359-0444

◆ RS Hard Disk Systems

SupraDrive Hard Disk in a Rackmount Case, for MIDI and other applications. Standard 25-pin SCSI Port. Special triple shock mounting. Automatic 110/220 volt selection. Easy installation. SCSI-Out port lets you easily connect additional peripherals to your system. SCSI Device ID selector. Allows installation of an additional 3.5-inch or 5.25-inch SCSI hard disk.

Supra Corporation, 1133 Commercial Way, Albany, OR 97321, (800) 727-8772

◆ SupraRam 500RX

The SupraRam 500RX is a 1/2 to 8MB external FAST RAM expansion that lets the A500 user run larger and more sophisticated programs and create large, very fast RAM disks. The board fits into a compact case that easily plugs onto the computer's expansion port. It features an Amiga bus pass-through that allows the user to connect additional devices. It uses zero-wait states and hidden refresh for optimal speed, and features a test mode and diagnostic software to simplify troubleshooting. One-year warranty.

Supra Corporation, 1133 Commercial Way, Albany, OR 97321, (800) 727-8772

Tiny Tiger II

The Tiny Tiger II is the only fully portable hard-drive system on the Amiga market. It plugs into the parallel port, using M.A.S.T.'s unique parallel port SCSI interface in a cable. This gives the user the flexibility to use either the parallel port, or any standard bus-based SCSI controller on the market. Tiny Tiger II may be used standalone, or daisy-chained to existing systems. By building the SCSI controller outside of the base unit, the Tiny Tiger II is also able to be used on the Mac and IBM. Available in 20MB, 45MB, 90MB, 105MB, and 136MB to 182MB. Prices range from \$529.00 to \$1299.00. Many extra features, display panel.

M.A.S.T. Memory and Storage Technology, Inc., 1395 Greg Street, Sparks, NV 89431, (702) 359-0444

HARD DRIVES COMPLETE

▼ W/AUTOBOOT ▼

FastCard Plus

SCSI hardcard with RAM expansion. Includes hardware for mounting 31/2-inch drive onboard. Supports up to 4meg of RAM using FastSimm-1 modules (must be purchased separately) or 8meg of RAM using FastSimm-4 modules (available soon). Card features Xetec's DMAx hardware, autoboot ROM, autoconfig circuitry, Macintosh compatible 25-pin SCSI external connector, internal 50-pin SCSI connector, drive LED connector, FastTrak utility disk, and manual. Order #FCP-000 \$150.00

Xetec, Inc., 2804 Arnold Road, Salina, KS 67401, (913) 827-0685

◆ FastCard Plus Q105

Same as FastCard Plus Q52 except drive is a Quantum Prodrive 150S with 19ms access. 105meg formatted capacity, and 64K cache buffer. \$750.00

Xetec, Inc., 2804 Arnold Road, Salina, KS 67401, (913) 827-0685

◆ FastCard Plus Q52

FastCard Plus with Quantum Prodrive 52S 52meg, 19ms drive mounted. Drive has 64K cache buffer, comes prepped and includes demos. No RAM included. \$525.00

Xetec, Inc., 2804 Arnold Road, Salina, KS 67401, (913) 827-0685

FastRam

Board installs in the SA-5 or SA-10 Host Adaptor allowing memory expansion up to 4 meg using 1 meg FastSimm modules or up to 8 meg using 4 meg fastSimm modules. (FastSimm modules must be purchased separately). For the A500, order #FR5; \$75.00. For the A1000, order #FR10; \$85.00.

Xetec, Inc., 2804 Arnold Road, Salina, KS 67401, (913) 827-0685

FastTrak Jr.

System includes SA-5 or SA-10 SCSI Host Adaptor with autoboot ROM. Seagate ST125N 20 meg, 38 ms drive in an SH-20 enclosure, manual, FastTrak utility disk, and shielded SCSI cable. Drive comes prepped and includes demos. \$500.00

Xetec, Inc., 2804 Arnold Road, Salina, KS 67401, (913) 827-0685

FastTrak Q105

System is the same as Q52 except drive is a Quantum ProDrive 105S with 19 ms access and 105 meg formatted capacity plus 64K cache buffer. For the A500, order #FT5-105. For the A1000, order #FT10-105. \$850.00

Xetec, Inc., 2804 Arnold Road, Salina, KS 67401, (913) 827-0685

FastTrak Q52 A1000

System is the same as A500 except the Host Adaptor is model SA-10. For the A1000. Order #FT10-052. \$625.00

Xetec, Inc., 2804 Arnold Road, Salina, KS 67401, (913) 827-0685

FastTrak Q52 A500

System includes SA-5 SCSI Host Adaptor with autoboot ROM. SH-52 enclosure with fan. Quantum Prodrive 52S with 19 ms access and 52 Meg formatted capacity plus 64K cache buffer, manual, FastTrak disk with utilities and shielded SCSI cable. For the A500. Order #FT5-052. \$625.00

Xetec, Inc., 2804 Arnold Road, Salina, KS 67401, (913) 827-0685

FileRunner™ Box 60 Meg

External hard drive systems for use with the Amiga 500 or 1000. System comes complete and assembled in a flat case which fits under the monitor. Each case can accommodate a second drive for future expansion and the unit comes with a power supply large enough for the second drive. A500, with Autoboot, \$725.00; A1000, with Autoboot, \$775.00.

Pre'spect Technics Inc., P.O. Box 670 Station H, Montreal, Quebec, Canada H3G 2M6, (514) 954-1483

FileRunner™ Box/Heavy Duty

External hard drive systems for use with the Amiga 500 or 1000. System comes complete and assembled in a heavy-duty case with fan. The fan allows the system to run for months without interruption. Each case can accommodate a second drive for future expansion and the unit comes with a power supply large enough for the second drive. Available with and without autoboot (only for A500). Price for 42 meg: \$740.00.

Pre'spect Technics Inc., P.O. Box 670 Station H, Montreal, Quebec, Canada H3G 2M6, (514) 954-1483

FileRunner™ Card 170 Meg SCSI

An internal hard drive system for the A2XXX family. Each system comes complete with a 3.5-inch hard drive and controller. Can control up to seven additional SCSI drives. Autobooting. \$980.00

Pre'spect Technics Inc., P.O. Box 670 Station H, Montreal, Quebec, Canada H3G 2M6, (514) 954-1483

FileRunner™ Card 40 Meg

An internal hard drive system for the A2XXX family. Each system comes complete with a 3.5 inch hard drive and controller. Autobooting. 40meg RLL. \$590.00

Pre'spect Technics Inc., P.O. Box 670 Station H, Montreal, Quebec, Canada H3G 2M6, (514) 954-1483

FileRunner™ Card 40 Meg SCSI

An internal hard drive system for the A2XXX family. Each system comes complete with a 3.5 inch hard drive and controller. Can control up to six additional SCSI drives. Autobooting. 40meg SCSI (Quantum drive). \$650.00

Pre'spect Technics Inc., P.O. Box 670 Station H, Montreal, Quebec, Canada H3G 2M6, (514) 954-1483

Fireball 45Meg

A2000 SCSI Controller. True DMA. Burst mode, shared mode, throttle mode. High speed sustained data transfer rates. Autoboot. May be switch deselected. Compatible with overscan mode. Hard drive is super fast, has 64K RAM cache. Available 45MB, 90MB, 136MB, and 182MB. Optional one-to-five-year warranty. \$449.00

M.A.S.T. Memory and Storage Technology, Inc., 1395 Greg Street, Sparks, NV 89431, (702) 359-0444

Fireball A2000 SCSI Controller V2.0

The Fireball transfers data at above 650KB per second sustained. The superfast transfer rates are independent of the number of tasks operating, which is impossible on non-DMA controllers. While Fireball is moving data to and from the hard disk at high speed, the CPU is given plenty of bandwidth to continue multitasking. Fireball automatically slows down when accessing CHIP RAM, to prevent any problems with overscan. It is also compatible with the SYQUEST removable drive. Available in 20MB, 45MB, 90MB, 105MB, 136MB, and 182MB hardcards and the prices range from \$450. complete. The Fireball DMA SCSI is priced at \$149.00. \$149.00

M.A.S.T. Memory and Storage Technology, Inc., 1395 Greg Street, Sparks, NV 89431, (702) 359-0444

Hard Disk Plus-20

Hard disk for the A500, includes SCSI host/controller, 20MB hard drive. Supports up to 14 drives. Optional 2MB RAM expansion available. Supports auto-boot, fast filing system, and includes hard disk utilities including partition and backup programs. \$749.95

Synergy Peripheral Systems, 5638 Allen Ave. Ste. 3, San Jose, CA 95123, (408) 972-2434

Hard Disk Plus-30

Hard disk drive for A500, includes SCSI host/controller. 30MB hard drive. Supports up to 14 drives. Optional 2MB RAM expansion available. Supports autoboot, fast filing system and includes hard disk utilities including partition and backup programs. \$899.95

Synergy Peripheral Systems, 5638 Allen Ave. Ste. 3, San Jose, CA 95123, (408) 972-2434

Impact A2000-HC/105Q-II

Amiga 2000 Hard-Card 45 is an autobooting, DMA controller, SCSI hard card. Comes with 105 MB Quantum SCSI (19/11 ms avg. access) drive premounted and preformatted on card. \$739.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
please see display ad inside front cover

Impact A2000-HC/42F-II

Amiga 2000 Hard-Card 42F is an autobooting, DMA controller, SCSI hard card. Comes with 42 MB Fujitsu SCSI (24ms avg. access) drive premounted on card. \$529.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
please see display ad inside front cover

Impact A2000-HC/52Q-II

Amiga 2000 Hard-Card 80Q is an autobooting, DMA controller, SCSI hard card. Comes with 52 MB Quantum SCSI (19/11ms avg. access) drive pre-mounted and pre-formatted on card. \$599.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
please see display ad inside front cover

MAX—125™ Autoboot Interface Adapter

Allows you to connect IBM compatible hard disk controllers and drives to ALL Amiga computer systems. Works with many 8- and 16-bit XT and AT, ST506/412 & ESDI controllers and virtually all hard drives of these interface types. A2000 version takes only one slot position to handle two controllers when inserted in the right most expansion slot and can be configured as a HardCard with optional mounting bracket. Passes the bus for the A500 and A1000. Priority selectable booting/mounting FastFileSystem partitions of up to four controller boards for a total of 8 hard drives. Controller types and drive sizes can be intermixed. Compatible with A500/A1000/A2000/A3000, and most CPU coprocessor boards. Prices range from \$149.95 to \$189.95 plus S & H.
Palomax, Inc., 424 Moreboro Road, Hatboro, PA 19040, (215) 672-6815

◆ Mini FastCard

Half-card SCSI interface featuring DMAx hardware, autoboot ROM, autoconfig circuitry, internal 50-pin SCSI connector, drive LED connector, FastTrak utility disk, and manual. Requires off-card mounting of drive. \$75.00
Xetec, Inc., 2804 Arnold Road, Salina, KS 67401, (913) 827-0685

◆ Novia 20i

Novia 20i, the smallest hard drive/interface in the world, is now available for mounting inside your Amiga 500. The Novia 20i gives 20MB of high speed performance yet takes absolutely no desk space. Novia 20i includes complete instructions and all the hardware necessary for a simple, clean, no-solder installation. \$649.95
ICD Incorporated, 1220 Rock Street, Rockford, IL 61101, (815) 968-2228

Supra Drive for A1000

Hard disk drive includes SCSI expansion port, CLImate, complete utility software for formatting drive and editing low-level system info. Compatible with RAM, digitizers and most boards. Includes Supra SCSI interface, Amiga bus pass-through, battery backed-up clock and a clear, thorough manual of hard disk hints and tips. 40MB Quantum, \$949.00; 80MB Quantum, \$1,249.00; 20MB, \$599.00; 30MB, \$849.00. \$949.00
Supra Corporation, 1133 Commercial Way, Albany, OR 97321, (800) 727-8772

Supra Drive for A2000

Hard card includes WordSync™ interface, autoboot ROM, SCSI expansion port, CLImate, complete utility software for formatting drive and editing low-level system info. Autoboots from FFS partitions. Compatible with Bridgeboard™ and most other boards. Supports up to 30 partitions including MS-DOS partitions (with Bridgeboard). Includes clear, thorough manual of hard disk hints and tips. 105MB Quantum ProDrive, \$1,249.00; 80MB Quantum ProDrive, \$1,049.00; 30MB, \$649.00; 40MB Quantum Drive, \$749.00. \$1249.00
Supra Corporation, 1133 Commercial Way, Albany, OR 97321, (800) 727-8772

Supra Drive for A500

Hard disk drive includes complete utility software for formatting drive and editing low-level system info, SCSI expansion port, Amiga bus pass-through, RAM expansion, autoboot ROM, and CLImate. Autoboots from FFS partitions. Compatible with RAM, digitizers, and most boards. Supports up to 30 partitions. Includes Supra SCSI interface with ByteSync™ and a clear, thorough manual of hard disk hints and tips. 20MB, \$499.00; 30MB, \$699.00; 40MB Quantum, \$899.00; 60MB, \$995.00; 80MB Quantum, \$1149.00.
Supra Corporation, 1133 Commercial Way, Albany, OR 97321, (800) 727-8772

HARD DRIVES COMPLETE W/ AUTOBOOT ▼ & EXPANSION MEMORY ▼

A2091-50

The powerful A2091-50 is an autobooting 50MB SCSI hard drive controller which is now a standard part of the 2000HD™ and 2500/50. It is also available as a card for the 2000 family. It features the A2091 controller (see above) and a 40MB hard disk. \$899.00
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

CA•2000 Malibu Board

A2000 SCSI Controller card with room to mount any standard 3.5-inch hard disk. Optional 2 & 4MB RAM board that auto configures and utilizes easy-to-install SIMM's. Auto configures under V1.2 & 1.3 of Workbench. Autoboot from hard disk under V1.3 of Workbench. Complete hard disk installation utilities and expandable. Mac style DB25 SCSI external connector and 16-bit fast data transfers. \$229.95
California Access, 130 Knowles Drive, Los Gatos, CA 95030-1832, (408) 378-0340

◆ Grand Slam Multifunction Card

Grand Slam packs the Trumpcard Professional SCSI hard drive controller, 8MB of fast RAM and a Printerface parallel port all onto a half-length Amiga expansion card. The high speed SCSI controller includes IVS' exclusive SCSI-SHARE SCSI networking software that allows multiple computers to share hard drives and other SCSI peripherals. The fast RAM can be configured as 0, 2, 4, 6, or 8 MB using easy-to-install 1M x 8 SIMM memory modules. The parallel port is output only and is designed to connect to printers, allowing audio and video digitizers to connect to the Amiga parallel port directly. Grand Slam's half length form factor allows hard drives to be attached directly in a 'hard card' configuration. Grand Slam 2000 OK list price is \$349.95. Grand Slam 500 OK is \$449.95. Owners of Trumpcard, Trumpcard 500, Trumpcard Professional, and Trumpcard 500 Professional can upgrade to Grand Slam.
Interactive Video Systems, 7245 Garden Grove Blvd. Ste. E, Garden Grove, CA 92641, (714) 890-7040

Hard Disk Plus

Custom hard disk drive for A500, includes host/controller, custom installation, and checkout of a customer requested hard drive. Supports up to 14

drives. Optional 1 MB RAM expansion available. Supports autoboot, fast filing system, and includes hard disk. Price determined by size.
Synergy Peripheral Systems, 5638 Allen Ave. Ste. 3, San Jose, CA 95123, (408) 972-2434

Impact A2000-HC8+0/105LPS-II

The Impact Hard Card 8+0/105LPS-II consists of a SCSI autoboot hard drive controller card with a 105 MB Quantum (19/11ms), 1-inch drive mounted directly on the card. The card can also be configured for up to 8 meg of standard 16-bit fast RAM memory. Comes with OK. \$919.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
please see display ad inside front cover

Impact A2000-HC8+0/105Q-II

The Impact Hard Card 8+0/105Q-II consists of a SCSI autoboot hard drive controller card with an 105 MB Quantum (19/11ms), 3.5-inch drive mounted directly on the card. The card can also be configured for up to 8 meg of standard 16-bit fast RAM memory. Comes with OK. \$599.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
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Impact A2000-HC8+0/200MB

The Impact Hard Card 8+0/200MB-II consists of a SCSI autoboot hard drive controller card with a 200 MB, 3.5 inch drive mounted directly on the card. The card can also be configured for up to 8 meg of standard 16-bit fast RAM memory. Comes with OK. \$1349.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
please see display ad inside front cover

Impact A2000-HC8+0/42F-II

The Impact Hard Card 8+0/42F-II consists of a SCSI autoboot hard drive controller card with a 42 MB, 3.5 inch drive mounted directly on the card. The card can also be configured for up to 8 meg of standard 16-bit fast RAM memory. Comes with OK. \$599.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
please see display ad inside front cover

Impact A2000-HC8+0/52Q-II

The Impact Hard Card 8+0/52Q-II consists of a SCSI autoboot hard drive controller card with a 52MB Quantum(19/11 ms), 3.5 inch drive mounted directly on the card. The card can also be configured for up to 8 meg of standard 16-bit fast RAM memory. Comes with OK. \$679.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
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◆ Impact A3001 Upgrade Kit

Now available with 50MHz 68030 acceleration. Factory installed 68030 CPU running at 28, 33, or 50MHz. 2, 4, or 8MB of 32-bit wide, high performance DRAM. Built-in autobooting high performance hard disk controller. Asynchronous design allows the 68030 to run asynchronous to the rest of the A2000 improving genlock compatibility. Zero slot solution—all A2000 expansion slots are left free for future unlimited expansion.
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
please see display ad inside front cover

Impact A500-HD8+0/105 Q-II

The Impact A500+ hard drive/RAM add-on systems includes a GVP external hard drive chassis, power supply, fan, autobooting SCSI controller, drive, and expansion sockets for up to 4 MB RAM. Comes with OK. The A500 HD80Q/RAM comes with a 80 MB Quantum drive. \$1099.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
please see display ad inside front cover

Graphic Arts
Desktop Video
Word Processing
Desktop Publishing
Music
Education
Business & Home Productivity
Programming
Utilities
Entertainment
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Drives
Memory Expansion
Accelerators
Video Hardware
Miscellaneous Hardware
Accessories & Services
Books & Tapes
CDTV
PDS Guide
AMICUS Index
Fred Fish Index
Vendor/Product Registration
AC Back Issue Index
User's Groups
Vendor Information
Product Index by Product
Product Index by Vendor
Category Index
Last Minute Additions

Impact A500-HD8+0/105Q-II

The Series II A500+ hard drive/RAM add-on systems includes a GVP external hard-drive chassis, power supply, fan, autobooting SCSI controller, drive, and expansion sockets for up to 8 meg RAM. Comes with 0K. The A500 HD8+0/105Q-II comes with a 100 MB 1-inch high Quantum drive. \$1099.00

Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770

please see display inside front cover

Impact A500-HD8+0/20-II

The Series II A500+ hard drive/RAM add-on systems includes a GVP external hard-drive chassis, power supply, fan, autobooting SCSI controller, drive, and expansion sockets for up to 8 meg RAM. Comes with 0K. The A500 HD20M/RAM comes with a 20 MB 1-inch high drive. \$599.00

Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770

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Impact A500-HD8+0MB/42F-II

The Series II A500+ hard drive/RAM add-on systems includes a GVP external hard-drive chassis, power supply, fan, autobooting SCSI controller, drive, and expansion sockets for up to 8 meg RAM. Comes with 0K. The A500 HD42F-II comes with a 42 MB, 1-inch high drive. \$699.00

Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770

please see display ad inside front cover

In-Mate

An internal multi-function for A500 and A2000 that plugs into the 68000 socket. It includes a SCSI hard drive interface with autoboot, RAM expansion of 1, 2, 4 or 8MB RAM and is socketed for a 68881 coprocessor. The system draws little power since it has a CMOS 68000 on board and CMOS circuitry and parts. \$399.00

Spirit Technology Corp., 220 W. 2950 S., Salt Lake City, UT 84115, (800) 433-7572

▼ HARD DRIVE CONTROLLER ONLY ▼

AdSCSI 2000

Autoboot from Fast File Systems partitions. Mounting frame included for hard drive card installation. Simple point-and-click set-up software. \$199.95

ICD Incorporated, 1220 Rock Street, Rockford, IL 61101, (815) 968-2228

AdSCSI 2080

This card offers everything the AdSCSI 2000 does except the hard drive card option and adds room for 2, 4, 6, or 8MB of RAM. \$279.95

ICD Incorporated, 1220 Rock Street, Rockford, IL 61101, (815) 968-2228

Kronos Hard Disk Controller for A2000, A1000, and A500

Fastest hard disk controller available from manufacturer features: 16-bit operation, static RAM caching, autobooting, superior data integrity, and one year parts and labor. Distributed by Southern Technology. \$250.00

Micro-Dyn Inc., 2011 S. Washington, Wichita, KS 67214, (316) 265-2661

◆ Seagate Interface

Allows to run the Seagate STIIR XT ST506 hard-disk controller with Seagate RLL hard drives. Installation software. Boots after reset from the hard disk. \$55.00

Pre'spect Technics Inc., P.O. Box 670 Station H, Montreal, Quebec, Canada H3G 2M6, (514) 954-1483

◆ Seagate Interface 1000

Allows to run the seagate STIIR XT ST506 hard-disk controller with Seagate RLL harddrives. Installation software included. \$85.00

Pre'spect Technics Inc., P.O. Box 670 Station H, Montreal, Quebec, Canada H3G 2M6, (514) 954-1483

◆ Seagate Interface 2000

Allows to run the Seagate IIR XT ST506 hard-disk controller with Seagate RLL harddrives. Installation software. Boots after reset from the hard disk. \$55.00

Pre'spect Technics Inc., P.O. Box 670 Station H, Montreal, Quebec, Canada H3G 2M6, (514) 954-1483

◆ Seagate Interface A500

Allows to run the seagate ST II RXT506 harddisk controller with Seagate RLL hard drives. Installation software included. \$85.00

Pre'spect Technics Inc., P.O. Box 670 Station H, Montreal, Quebec, Canada H3G 2M6, (514) 954-1483

StarDrive Module

An alternative to the MultiFunction module. Pseudo-DMA access to Macintosh-compatible SCSI drives and other third-party SCSI devices. Fast, easy to install including driver software and disk diagnostics. Also includes battery-backed clock to set your system time on boot-up. \$99.00

MicroBotics, Inc., 1251 American Parkway, Richardson, TX 75081, (214) 437-5330

HARD DRIVE CONTROLLER W/ ▼ AUTOBOOT ▼

◆ ALF 2 ANI Herc SCSI

Bare bone SCSI interface special for the Amiga 1000. Installation software and Alf tools and Alf backup. \$190.00

Pre'spect Technics Inc., P.O. Box 670 Station H, Montreal, Quebec, Canada H3G 2M6, (514) 954-1483

◆ ALF AF Hercules SCSI

ALF 2 SCSI card. Installation software and Alf tools and Alf backup. \$120.00

Pre'spect Technics Inc., P.O. Box 670 Station H, Montreal, Quebec, Canada H3G 2M6, (514) 954-1483

ALF AF RLL Controller

for the Amiga 2000/2500

Autobooting hard disk controller system with a full package of utilities. Runs with any RLL hard disk from the IBM world. Comes with pass word, checkdrive, FrameBackup, Backup, Runs SCSI Streamer. Runs A-Max for the hard disk. Detects any accelerator board. Data transfer rate approx. 420KB/sec.

Pre'spect Technics Inc., P.O. Box 670 Station H, Montreal, Quebec, Canada H3G 2M6, (514) 954-1483

ALF AF SCSI Controller

for the Amiga 2000/2500

Autobooting hard disk controller system with a full package of utilities. Runs with any SCSI hard disk from the IBM world. Comes with password, check drive, FrameBackup, Backup, Runs SCSI Streamer. Runs A-Max for the hard disk. Detects any accelerator board. Data transfer rate using 68020 approx. 780 KB/se with Quantum 40s.

Pre'spect Technics Inc., P.O. Box 670 Station H, Montreal, Quebec, Canada H3G 2M6, (514) 954-1483

ALF3-SCSI

SCSI System for to use with A2000, A2500, and A3000. Real multitasking. Disconnect and reconnect. Backup software, switchable for any fast or slow unit. Data transfer rate without accelerator about 1000 K/Byte sec.

Pre'spect Technics Inc., P.O. Box 670 Station H, Montreal, Quebec, Canada H3G 2M6, (514) 954-1483

◆ AdIDE

AdIDE provides an inexpensive alternative to a full SCSI interface. Sometimes called 'AT drives', IDE drives have an embedded controller and are designed for connection to an AT PC bus. Nearly all drive manufacturers are now producing these low cost units. AdIDE uses the same advanced software supplied with our AdSCSI host adapt-

ers. It delivers incredible speed and performance in a very small package. Features include autobooting from FastFileSystem partitions, A-MaxII support, and more. \$179.95

ICD Incorporated, 1220 Rock Street, Rockford, IL 61101, (815) 968-2228

AdIDE/40

AdIDE/40 is for the Amiga 2000. It fits underneath the CPU chip and uses no slot. The included 40-pin cable connects it to standard 3.5-inch hard drives. \$159.95

ICD Incorporated, 1220 Rock Street, Rockford, IL 61101, (815) 968-2228

◆ AdIDE/44

AdIDE/44 is for mounting a 2.5-inch drive inside the Amiga500. It includes the standard 44-pin cable and drive mounting brackets. \$179.95

ICD Incorporated, 1220 Rock Street, Rockford, IL 61101, (815) 968-2228

◆ C201 RAU & Harddisk Cards

C201 is a dualing interface for the A500 that plugs into the expansion slot under the keyboard and provides an extra half meg of memory and an MFM ST506 hard disk interface. It also has a modified expansion slot cover, enabling hard-disk cables to come out. \$350.00

Pre'spect Technics Inc., P.O. Box 670 Station H, Montreal, Quebec, Canada H3G 2M6, (514) 954-1483

FastTrak System less hard drive

Same system as FastTrak Q40 less drive. Includes mounting bracket for 3.5-inch drive. For the A500, order #FT5-000. For the A1000, order #FT10-000. \$250.00

Xetec, Inc., 2804 Arnold Road, Salina, KS 67401, (913) 827-0685

HDA506-5 and HDA506-1

Interfaces A500 or A1000 86-pin expansion port to ST-506 hard drives (IBM standard). Complete driveless system includes interface and ST-506 controller (MFM or RLL) in chassis with passthru plus fan-cooled dual hard drives chassis with power supply and all connectors. Optional autoboot kit. \$399.00

Spirit Technology Corp., 220 W. 2950 S., Salt Lake City, UT 84115, (800) 433-7572

HardFrame/2000

High-end SCSI interface supports up to seven devices and operates at bus speeds. Cable pinouts designed for compatibility with standard SCSI hard drives. Features word length data transfer, FIFO buffering, true DMA, and is mounted on a metal frame. Autobooting; automounting; does NOT require old file system partition; autoloads driver into RAM for fast operation. Works with overscan. \$249.00 with metal frame, \$239.00 without metal frame. \$249.00

MicroBotics, Inc., 1251 American Parkway, Richardson, TX 75081, (214) 437-5330

SA-10 Host Adaptor

SCSI Host Adaptor for the A-500 or A-1000 features Xetec's high performance DMAx™ hardware, autoboot ROM, autoconfig circuitry, system bus pass-thru, FastRam expansion connectors. Macintosh compatible 25 pin SCSI connector, provision for external + 5v from SH series enclosures, and low-profile steel enclosure. Also included are a FastTrak utility disk, 25 pin shielded SCSI cable, manual, and 25 pin to 50 pin SCSI adaptor board. \$175.00

Xetec, Inc., 2804 Arnold Road, Salina, KS 67401, (913) 827-0685

SA-5 Host Adaptor

SCSI Host Adaptor for the A-500 or A-1000 features Xetec's high performance DMAx™ hardware, autoboot ROM, autoconfig circuitry, system bus pass-thru, FastRam expansion connectors. Macintosh compatible 25 pin SCSI connector, provision for external + 5v from SH-series enclosures, and low-profile steel enclosure. Also

included are a FastTrak utility disk, 25 pin shielded SCSI cable, manual, and 25 pin to 50 pin SCSI adaptor board. \$175.00
Xetec, Inc., 2804 Arnold Road, Salina, KS 67401, (913) 827-0685

SA1000 SCSI Host Adaptor

The SA1000 provides a fast and easy-to-use method of connecting SCSI peripherals to the A1000. Up to 7 SCSI devices may be connected including fixed hard drives, Bernoulli and SyQuest removable-media drives, tape backup units, and even large capacity optical drives. Full autoconfig compatibility; battery backed-up clock; handles SCSI arbitration; true removable media handling; and automatic defect management. Comes complete with full system management tools with a user-friendly Workbench interface. The SA1000 provides the ability to load Kickstart from hard disk image, then boot Workbench from floppy or hard disk. No modifications to the A1000 needed. \$389.00 Canadian.
Comspec Communications, 74 Wingold Ave., Toronto, Ontario, Canada M6B 1P5, (416) 785-3553

SA2000 SCSI Host Adaptor

The SA2000 provides a fast and easy-to-use method of connecting SCSI peripherals to the A2000. Up to 7 SCSI devices may be connected including fixed hard drives, Bernoulli and SyQuest removable media drives, tape backup units, and even large capacity optical drives. Full autoconfig compatibility; handles SCSI arbitration; true removable media handling; and automatic defect management. Comes complete with full system management tools with a user-friendly Workbench interface. Also capable of being used as a filecard. \$215.00 Canadian.
Comspec Communications, 74 Wingold Ave., Toronto, Ontario, Canada M6B 1P5, (416) 785-3553

SA500 SCSI Host Adaptor

The SA500 provides a fast and easy-to-use method of connecting SCSI peripherals to the A500. Up to 7 SCSI devices may be connected including fixed hard drives, Bernoulli and SyQuest removable media drives, tape backup units, and even large capacity optical drives. Full autoconfig compatibility; handles SCSI arbitration; true removable media handling; automatic defect management. Comes complete with full system management tools with a user-friendly Workbench interface. \$259.00 Canadian.
Comspec Communications, 74 Wingold Ave., Toronto, Ontario, Canada M6B 1P5, (416) 785-3553

SCSI Hard Disk Controllers for A-1000, A-500, & A2000

The industry standard SCSI hard disk controllers for the complete Amiga computer line with AutoBoot for the A-500, A-2000, and new SCSI 3.0 DOS.
Corwyn International, 977 Seminole Trail, Charlottesville, VA 22901, (804) 974-1690

SCSI Host 2000

SCSI controller for the A2000 features auto-configuration, auto-boot from hard disk, supports Fast Filing System, and includes software. 3.5 inch slimline hard drive can be mounted on the board. \$179.95
Synergy Peripheral Systems, 5638 Allen Ave. Ste. 3, San Jose, CA 95123, (408) 972-2434

Slot machine for A2000

Plug-in ST-506 hard drive interface (IBM standard). Complete driveless 'hard card' system includes interface and ST-506 controller (MFM or RLL), internal mounting rail, hard drive cable set, and autoboot. \$199.00
Spirit Technology Corp., 220 W. 2950 S., Salt Lake City, UT 84115, (800) 433-7572

StarBlazer A500/1000

Accelerator/RAM/SCSI Box
 External 8MB RAM, SCSI controller and accelerator. For A500 and A1000. Tiny case. Can control

up to seven SCSI devices. Has total flexibility for those users on a budget who want a modular powerful upgrade path. Start with 8-bit SCSI controller, \$129.00, add fast autoconfiguring RAM in 2MB increments up to 8MB, add a 68030 module 25MHz (\$399) and math coprocessor. Memory can be 16- or 32-bit wide. There is even a 16-bit SCSI module for lightning fast transfer rates (\$89 extra). A future option is 68040 support. Hard drive controller autoboots from 1.3. Supports 2.0. *M.A.S.T. Memory and Storage Technology, Inc., 1395 Greg Street, Sparks, NV 89431, (702) 359-0444*

Supra SCSI Interface for A1000

SCSI interface board allows hard disks to be connected to A1000's. Includes software, clock, and thorough instruction. \$249.95
Supra Corporation, 1133 Commercial Way, Albany, OR 97321, (800) 727-8772

Supra SCSI Interface for A500

SCSI interface board with ByteSync™ technology allows a hard disk to be connected to A500's. Includes software, RAM expansion capability, and thorough instruction. \$199.95
Supra Corporation, 1133 Commercial Way, Albany, OR 97321, (800) 727-8772

SupraDrive 500XP

Features include Micro-Power drives, autobooting SCSI Interface, no external power necessary. One half to eight MB FAST RAM Expansion. Amiga bus pass-through, external SCSI port, game switch. Autoboot on/off switch, SCSI ID selector, RAM test mode. One-year warranty.
Supra Corporation, 1133 Commercial Way, Albany, OR 97321, (800) 727-8772

Trumpcard

Loads DPaint II in 1.4 seconds, identical speed as DMA to cache-type controllers costing hundreds more. Exclusive IVS SMARTBOOT autoboots all drives (including Seagate) from cold start. Up to seven SCSI drives can be daisy chained to one Trumpcard. Full support of Logical Units with Adaptec controllers. Supports all Quantum, Seagate, and Miniscribe drives. User-customizable driver supports virtually any SCSI hard disk drive. The list includes over 15 devices and is growing. Half length card takes only 1/2 slot. Optional brackets mount 3.5 drives to card. Exclusive IVS checklist configuration software makes hard drive setup a breeze. A two-foot 50-pin SCSI cable included with every Trumpcard. Also, every Trumpcard shipped includes support for SyQuest removable media drive. Full one-year warranty, parts, and labor. Now shipped with 2.0 software TCUtils, same as TCPro. \$169.95
Interactive Video Systems, 7245 Garden Grove Blvd. Ste. E, Garden Grove, CA 92641, (714) 890-7040

Trumpcard 500

HC Trumpcard 500 HC autoboots directly to FFS partitions if desired. Automatic detection of volume change on Syquest removable media drives is included at no charge. Half length card uses 256K x 8 or 1MB x 8 SIMMs for 512K, 1MB, 2MB, or 4MB of RAM. Upwardly compatible with the 2000. Also, every Trumpcard shipped includes support for SyQuest removable media drives at no extra charge. \$269.95
Interactive Video Systems, 7245 Garden Grove Blvd. Ste. E, Garden Grove, CA 92641, (714) 890-7040

Trumpcard Professional

Trumpcard Pro is simply the fastest SCSI disk controller make for the Amiga. With the new generation drives and CBM2630 card, Trumpcard Pro gets DPERF2 times in excess of 1.9MB per second! Trumpcard Pro is a complete package; hard disk mounting brackets are included along with all power and interface cables. Trumpcard Pro is shipped with AVS' new TCUTILS 2.0, a

completely revised version of Trumpcard disk configuration software. \$279.95
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WordSync Interface for A2000

Hard disk interface for A2000 can be mounted as hard card or used in other configurations. Revolutionary design introduced in July '89 allows super smooth video, sound, and with no rude interruptions for hard drive access. Includes everything that comes with A2000 Supra Drive except hard disk. Autoboots from FFS partition. \$199.95
Supra Corporation, 1133 Commercial Way, Albany, OR 97321, (800) 727-8772

▼ HARD DRIVE KITS ▼

◆ DataFlyer Rail Kit

Used on the DataFlyer 2000 to extend the drive behind the interface. Comes complete with all hardware. The drive can also be mounted on the rear of the interface without the Rail Kit or any extra hardware. \$26.95
Expansion Systems, 44862 Osgood Road, Fremont, CA 94539, (415) 656-2890

Hard Disk-CR (kit)

Hard disk kit for A500 includes SCSI host/controller, hard disk enclosure, power supply, cables, and software. User supplies an embedded SCSI, 3.5-inch, and Seagate drive to create low-cost A500 hard disk system. Optional 2MB RAM expansion available. Supports auto-boot, Fast Filing System, and includes hard disk utilities including partition and back-up programs. \$319.95
Synergy Peripheral Systems, 5638 Allen Ave. Ste. 3, San Jose, CA 95123, (408) 972-2434

MAX—125™ Autoboot Interface Adapter

Allows you to connect IBM compatible hard disk controllers and drives to ALL Amiga computer systems. Works with many 8- and 16-bit XT and AT, ST506/412 & ESDI controllers and virtually all hard drives of these interface types. A2000 version takes only one slot position to handle two controllers when inserted in the right most expansion slot and can be configured as a HardCard with optional mounting bracket. Passes the bus for the A500 and A1000. Priority selectable booting/mounting FastFileSystem partitions of up to four controller boards for a total of 8 hard drives. Controller types and drive sizes can be intermixed. Compatible with A500/A1000/A2000/A3000, and most CPU coprocessor boards. Prices range from \$149.95 to \$189.95 plus S & H.
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Active Circuits, Inc., 1985 Highway 34 Ste. A-4, Wall, NJ 07719, (201) 974-1616

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OptiStar 600™ is a 600 megabyte erasable optical drive. The drives come pre-formatted and have ten megabytes of public domain software on them. The OptiStar 600™ also has a power control unit. \$4899.00
Corwyn International, 977 Seminole Trail, Charlottesville, VA 22901, (804) 974-1690

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Ricoh Corporation, Five Dedrick Place, West Caldwell, NJ 07006, (201) 882-2000

XY600RW

Erasable optical subsystem consisting of an optical drive in a cabinet, cables, manual, software interface to the Amiga and rewritable cartridges. Each removable cartridge stores 600 megabytes of information. The optical drive appears as a system disk. \$4995.00
XYXIS Corp, distributed by Dover Research, 14531 Martin Drive, Eden Prairie, MN 55344, (612) 492-3913 orders

▼ HARD DRIVES REMOVABLE MEDIA ▼

◆ HardPack 44

SyQuest drive with one free cartridge. Removable cartridges provide safe, secure data transfer and sharing. Excellent for small system backups. In conjunction with nexus, cartridge insertion and removal detection is automatic. Cartridges provide low-cost storage expansion. Requires 5.25 inch bay or external chassis. \$799.00
Advanced Storage Systems, (div. of Preferred Tech., Inc.), 14540 E. Beltwood Pkwy, Dallas, TX 75244, (214) 702-9191

Infinit40/i

The Infinit40/i is a removable media drive subsystem for the A2000 and A500 computers which provides Amiga users with the convenience of 40 megabyte cartridges and the speed of a hard disk

drive. This program is ideal for animators, graphic artists, and others who need to categorize mass storage on a project or client basis and for whom a finite storage capacity does not meet their needs. The Infinit40/i is the internal version, which includes a Trumpcard SCSI disk controller, SyQuest drive assembly, two preformatted 40MB cartridges, and all necessary software and cables. Price with Trumpcard \$1049.95 or with Trumpcard PRO \$1149.95.

Interactive Video Systems, 7245 Garden Grove Blvd. Ste. E, Garden Grove, CA 92641, (714) 890-7040

Infinit40D

For those Amiga users desiring additional storage in an external housing IVS offers the Infinit40D, a double height version of the chassis that accommodates an additional half height 5.25 or 3.5 hard drive or a second SyQuest drive mechanism. The Infinit40D power supply capacity is increased to 60 watts to handle the extra load. \$1269.95
Interactive Video Systems, 7245 Garden Grove Blvd. Ste. E, Garden Grove, CA 92641, (714) 890-7040

Infinit40S

The Infinit40S is the external version of the Infinit40 series, which houses the SyQuest drive assembly in a low profile aluminum housing and includes an internal 40 watt switching power supply that automatically senses line voltage and switches between 110/60Hz and 220/50Hz for use anywhere in the world. This package has an externally accessible SCSI device ID switch to allow selection of any SCSI device ID without opening the unit. It also includes two 40MB preformatted cartridges and all software and cables for a total storage solution. \$1099.95
Interactive Video Systems, 7245 Garden Grove Blvd. Ste. E, Garden Grove, CA 92641, (714) 890-7040

◆ LaserDrive

650MB removable, erasable optical drive. Perfect for fast-growing Toaster system. Fast, quiet and safe. In conjunction with Nexus, automatic insertion and removal situation is supported. Not a WORM or CD-ROM, but a full 650MB of removable media. \$3999.00
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M.A.S.T. Removable Hard Drive-External

M.A.S.T. makes a very attractive external case with international switching power supply for the Syquest 44MB removable StarBlazer and MAST parallel port SCSI interface. Price includes one cartridge. Additional 44MB cartridges \$89. each. \$699.00
M.A.S.T. Memory and Storage Technology, Inc., 1395 Greg Street, Sparks, NV 89431, (702) 359-0444

◆ M.A.S.T. Removable Hard Drive-Internal

M.A.S.T. is a major supplier of Syquest Removable hard drive mechanisms. The latest release is 21msecs access speed. These internal models go into the A2000 and A3000. The Fireball SCSI controller can be used to control the Syquest Removable drive. Has an elegant user-friendly interface which has true support for the cartridge-eject function. \$529.00
M.A.S.T. Memory and Storage Technology, Inc., 1395 Greg Street, Sparks, NV 89431, (702) 359-0444

SD B44

The SD B44 is an external removable media subsystem utilizing the SD chassis and a 40 MB 5.25 half height Bernoulli drive featuring 33 m/sec. average access time, built-in 32K cache buffer for improved performance. One pre-formatted cartridge and drive cleaning kit included. Shipped with all necessary cables and fully tested. SCSI host adaptor required. (SA500, SA1000, or SA2000

recommended). SD B20 available with 20MB, and 38 m/sec. average access time. Prices are: SD B44, \$2649.00 Canadian; SD B20, \$2499.00 Canadian. Comspec Communications, 74 Wingold Ave., Toronto, Ontario, Canada M6B 1P5, (416) 785-3553

SSD B20

The SSD B20 is an external removable media subsystem utilizing the SSD chassis and a 20 MB 5.25 half height Bernoulli drive featuring 38 m/sec. average access time. One pre-formatted cartridge and drive cleaning kit included. Shipped with all necessary cables and fully tested. SCSI host required. (SA500, SA1000, or SA2000 recommended). SSD B44 available with 40MB, for \$2579. Canadian. \$2399.00
Comspec Communications, 74 Wingold Ave., Toronto, Ontario, Canada M6B 1P5, (416) 785-3553

Series II RH-5500

A 5.25-inch, half-height hard disk drive which uses removable 50MB cartridges and is compatible with all Amiga platforms, including the A500, A2000, and A3000. With its 25-millisecond average data access time, the drive is designed to function as a system's main memory device, replacing conventional fixed hard-disk drives. Each 50-megabyte cartridge offers the storage equivalent of over 60 standard floppy disks; the half-height design allows it to be fit into the same space required of 5.25-inch floppy drives and fixed Winchester drives. Includes disk drive, one 50MB cartridge, and a GVP SCSI controller. \$999.00

Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770

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Storage Solutions 42RD™

The Storage Solution 42RD™ is a dual version of the Storage Solution 42R™ \$2599.00
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Storage Solutions 42R™

42Megabyte removable disk drive. The unit comes with one data cartridge pre-formatted and contains ten megabytes of public domain software. The unit also has power control features. \$1350.00
Corwyn International, 977 Seminole Trail, Charlottesville, VA 22901, (804) 974-1690

Super Stream 150 Int™

The Super Stream 150 Int™ is the same as the Super Stream 150™ but without a power control center. \$1250.00
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Super Stream 150™

The Super Stream 150™ is a tape archival system that stores 150 megabytes per data cassette. The tape comes with software and a power control center. \$1350.00
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Super Stream 60 Int™

The Super Stream 60 Int™ is the same as the Super Stream 60™ but without a power control center. \$899.00
Corwyn International, 977 Seminole Trail, Charlottesville, VA 22901, (804) 974-1690

Super Stream 60™

The Super Stream 60™ is a tape archival system that stores 60 megabytes per data cassette. The tape comes with software and a power control center. \$999.00
Corwyn International, 977 Seminole Trail, Charlottesville, VA 22901, (804) 974-1690

Supra Drive 44R for A2000

Removable hard disk drive with 44MB cartridges. Includes one cartridge and the WordSync™ Interface. Can be used as primary or add-on drive. \$1199.00

Supra Corporation, 1133 Commercial Way, Albany, OR 97321, (800) 727-8772

Supra Drive 44R for A500

Removable hard disk drive with 44MB cartridges. Comes with one cartridge. Can be used as primary or add-on drive; system must include one Supra SCSI interface. \$1,398.95 with interface; \$1,199.00 without interface.

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▼ DRIVES TAPE BACKUP ▼

◆ 1.3 Gigabyte 'DAT' SCSI Tape System

Bundled with MRBackup Professional software, includes special DAT drive handler. Is completely WB1.3 and WB2.0 compatible—also has ARexx capability. With a 120-minute tape, 1300MB (1.3 Gigabytes) of storage. Drive can obtain a sustained data transfer rate of 11MB per minute. Capable of burst transfer rates of 1.58MB per second in SCSI asynchronous transfers. Available in half or full high configurations and internal or external kits. TTR Development, Inc., West Towne Office Center, 6701 Seybold Rd. Ste. 220, Madison, WI 53719, (608) 277-8071

Impact WT150

The Impact WT 150 is a streaming tape backup system with a Wangtek 150MB, 5.25-inch, and a half-height drive. Includes GVP TapeStore Backup software. \$749.00

Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770

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Qic Tape

A small, portable tape backup system that uses the floppy drive port of all Amigas. Full-featured backup software included. Backs up 40 or 60 MB on a single low-cost tape cartridge. \$599.95
Progressive Peripherals & Software, 464 Kalamath St., Denver, CO 80204, (303) 825-4144

◆ SCSI Streaming Tape System

Bundled with MRBackup Professional software. Includes special tape drive handler. WB1.3 and WB2.0 compatible—ARexx capability for automatic handsfree backups. Sizes from 60 to gigabytes—you choose based on your needs. One tape included with kit. Can utilize 12- to 16-bit compression. Available in 5.25-inch or 3.5-inch configurations and internal or external kits. TTR Development, Inc., West Towne Office Center, 6701 Seybold Rd. Ste. 220, Madison, WI 53719, (608) 277-8071

◆ SideWinder 250

Two hundred and fifty megabyte per tape backup solution. In conjunction with FlashBack and Nexus, streaming backups at over 5MB a minute possible. Inexpensive tapes make this the easiest, most cost-effective way to backup your system. Hardware error detection ensures safe and reliable backups. Requires 5.25 inch bay or external chassis. \$749.00

Advanced Storage Systems, (div. of Preferred Tech., Inc.), 14540 E. Beltwood Pkwy, Dallas, TX 75244, (214) 702-9191

TapeStore

GVP TapeStore Backup software and TapeStore EPROM kit. \$79.95

Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770

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HARD DRIVE CONTROLLER W/ ▼ AUTOBOOT & EXPANSION ▼

◆ A2000 8 or 16-bit SCSI

Plus 8MB RAM Board

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A2091

The A2091 is a high-performance autobooting hard disk controller and memory expansion board. The device can be fitted with 2 MB of memory and provides improved SCSI capabilities. Additionally, the controller provides space for mounting a 3.5-inch hard disk \$199.00

Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

◆ ALF 2 AH5 Hercules SCSI

ALF 2 SCSI Interface with chassis for one hard drive and opt. RAM expansion up to 6MB. Installation software and ALF tools and ALF backup. \$255.00

Pre'spect Technics Inc., P.O. Box 670 Station H, Montreal, Quebec, Canada H3G 2M6, (514) 954-1483

◆ Autoboot Card for 2090 Controller

An add-on card for the Commodore A2090 hard disk controller which allows full autoboot directly from the hard drive under Kickstart 1.2 and 1.3. The card can be plugged into any 100 pin Amiga slot. Because the driver software and the necessary parts of the mountlist are stored in ROM, a start diskette is not necessary to start the system. It is also possible to boot directly from a Fast File System partition, something even the newer A2090-A cannot do. Any drive can be defined as the boot device, including Seagate SCSI drives. \$119.00

Centaur Software, Inc., P.O. Box 4400, Redondo Beach, CA 90278, (213) 542-2226

Impact A2000-HC8+0/0-II

The Impact Hard Card Series II consists of a SCSI autoboot hard drive controller card which allows mounting of a 3.5 inch drive directly on the card. The card can also be configured for up to 8 meg of standard 16-bit fast RAM memory. Comes with 0K \$249.00

Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770

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◆ Nexus

Fast, non-DMA HD controller with room for up to 8MB of expansion memory. Complete software support includes graphic formatter, Flashback backup software and six others. Five year warranty. Free 800 tech support. Supports A-MAX II, UNIX, removable media drives, tape drives, and DAT's right out of the box. \$299.00

Advanced Storage Systems, (div. of Preferred Tech., Inc.), 14540 E. Beltwood Pkwy, Dallas, TX 75244, (214) 702-9191

◆ SCSI + HD Controller and Multiport Board

This full-length internal expansion provides RS232 output, Parallel printer output, and an RS422 output for networking capability. In addition you get an ultra fast autoboot SCSI controller. All drivers and software are included. INTERACT networking software is available separately from DigiFeX. \$299.99

DigiFeX Corporation, 610 Main Street, Oregon City, OR 97045, (503) 656-8818

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▼ MEMORY EXPANSION GENERAL ▼

2 MB RAM Expansion

2MB RAM expansion board for use with the Synergy Peripheral systems SCSI host/hard disk interface for the A500. Zero wait states, auto-configuring and does NOT use power from the A500. Uses 256K x 1 DRAMS. \$269.95
Synergy Peripheral Systems, 5638 Allen Ave. Ste. 3, San Jose, CA 95123, (408) 972-2434

512K Internal Memory

An internal replacement for Commodore's A501. Features external disable switch. Clock and RAM optional. System requirements: A500. AUS \$119 with clock; AUS \$99.00 without clock.
Phoenix Microtechnologies Pty. Ltd., 18 Hampton Road, Keswick, South Australia 5035, 011-61-8-293-8752

512K RAM Expansion

A 1/2MB memory expansion for A500. Available with and without clock calendar option. Has on-board switch to switch the memory in or out without removing the board. \$99.95
Datel Computers, 3430 E. Tropicana #67, Las Vegas, NV 89121, (800) 782-9110

8-UP! (DIP)

FastRAM DIP (Dual Inline Package) is a truly Amiga-specific version of the popular 8-UP! (SIMM). Using MicroBotic's Programmable Macro Logic chips assures a zero wait state/minimal-refresh-collision memory design. Extremely low-power memory card 8 megabyte 8-UP! (DIP) draws an astoundingly efficient 800 milliamps! All RAM is conventional, socketed 1-megabit by 1, 120ns DIP RAM. For maximum flexibility, memory space is divided into two autoconfiguring devices-PIC's. Each consists of two banks of 16 sockets. Possible memory sizes are 2, 4, 6, and 8 megabytes. \$199.00 and up.
MicroBotics, Inc., 1251 American Parkway, Richardson, TX 75081, (214) 437-5330

8-UP! (SIMM) FastRAM

FastRAM card gives you 8 MB of autoconfiguration space. Uses PopSimms, Microbotics's own memory module to allow users to install their own conventional DIP-style DRAM in standard SIMM sockets on 8-UP. 1meg PopSimms allows 8 MB on one card. Either case allows users to install memory chips themselves, allowing maximum flexibility and minimum cost. Power efficient, zero wait state, autoconfiguring design. Supports conventional SIMM memory modules. Provides wide selection of installable RAM configurations, including the important 6-megabyte configuration, by virtue of 8-UP's flexible two PIC design. \$199 and up. \$199.00
MicroBotics, Inc., 1251 American Parkway, Richardson, TX 75081, (214) 437-5330

8MB Memory Board

An external 8MB memory board for A1000. Features auto-config disable switch, pass through and fully socketed for easy memory additions. AUS \$499.00. 2MB Populated.
Phoenix Microtechnologies Pty. Ltd., 18 Hampton Road, Keswick, South Australia 5035, 011-61-8-293-8752

◆ A2000-RAM 8/2

Half size RAM board comes installed with 2MB of zero-waitstate fast memory expansion for the A2000. Memory can be added in 2MB increments and is automatically auto-configured. \$249.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
please see display ad inside front cover

A2058 RAM Board

2MB RAM expansion for the A2000 expandable to 8MB. \$349.00
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

AX 1000/AX 2000 RAM Board

The AX1000/AX2000 is an auto-config one or two meg RAM board for the A1000. Both have full pass-through on the expansion bus, allowing multiple expansion devices to be connected, allowing to expand the A1000 system as the need arises. Prices are: \$549.00; \$899.00 Canadian.
Comspec Communications, 74 Wingold Ave., Toronto, Ontario, Canada M6B 1P5, (416) 785-3553

AdRAM 2080

Add 2, 4, 6, or 8MB of fully autoconfig fast RAM to your A2000 quickly and easily. \$179.95
ICD Incorporated, 1220 Rock Street, Rockford, IL 61101, (815) 968-2228

AdRAM 505

This half-sized card fits in the A501 slot under the keyboard and adds 512K of valuable RAM and a clock. Available with or without RAM. \$39.95
ICD Incorporated, 1220 Rock Street, Rockford, IL 61101, (815) 968-2228

AdRAM 540

The first module, AdRAM 540, lets Amiga owners add up to 4MB of RAM to their system. AdRAM 540 fits cleanly into the A501 expansion port, and can be purchased with or without RAM chips. Users can add their own CMOS 256Kx4 DRAM chips over time, in affordable 512K increments. \$159.95
ICD Incorporated, 1220 Rock Street, Rockford, IL 61101, (815) 968-2228

AdRAM 560D

AdRAM 560, the second module in the series, comes with 2MB of RAM built-in and plugs directly into any AdRAM 540, the AdRAM 560D adds up to 6MB of internal RAM. The AdRAM 560D includes 2MB of RAM already installed. \$249.95
ICD Incorporated, 1220 Rock Street, Rockford, IL 61101, (815) 968-2228

Ammeg I A1000

Memory expansion for the A1000; has 1MB of memory. External. Zero wait state design, auto-configuration under 1.2. Populated board available. OK Board \$163.95
Kline-Tronics, 10 Carlisle Ct., York, PA 17404, (717) 764-4205

◆ Aries

Holds up to 8MB in 2,4,6, or 8 megabyte configurations. Selectable two and four memory configuration when 6MB installed. Five-year warranty. Uses 1MB. Comes with AmigaDOS Explorer, Memory Doctor (graphic memory test) and FlashDisk (a better than RAD: recoverable RAM drive). Memory test jumper ensures all memory tested. \$169.00
Integrated Memory Products, Div of Preferred Technologies, Inc., 14540 E. Beltwood Pkwy., Dallas, TX 75244, (214) 702-9191

BASEboard

The BASEboard is a 4MB memory upgrade card for the Amiga 500's A501 slot. With the optional daughter card the total can be increased to a total of 6.5MB. The BASEboard provides a battery-backed clock, works with both the 512K and the 1MB versions of the Agnus chips, and is 100% compatible with all Amiga software. The BASEboard features 'plug in' installation without any soldering for both Agnus chips. The memory board utilizes special four layer construction allowing you to use any speed memory from any manufacturer. The 4 x 8 socketed memory array uses industry standard 256 x 4 DRAMS and the memory can be increased in 512K increments. Its low power design does not require extra power and its location leaves the expansion bus free for additional peripherals. Optional contiguous memory mapping is available up to 6MB with the OVERboard. 0K memory. \$149.95
Expansion Systems, 44862 Osgood Road, Fremont, CA 94539, (415) 656-2890

BattDisk

A battery-backed very fast Static RAM Disk for the A2000 & A3000. Provides up to a 2MB Static Ramdisk that is easily expandable from 0K, in 64K or 256K increments to 2MB. Does not take any Amiga memory expansion space. Will survive power down. Device is fully autobootable under 1.3. Excellent for multimedia applications or animations where you need access. Data transfer rates up to 2.7 MB per second. Can be hardware or software write-protected. Also available in an Eprom version, for use in turnkey systems. \$269.95 w/OK.
DKB Software, 832 First Street, Milford, MI 48042, (313) 685-2383

◆ Catalina Card

The Catalina Card is an 8MB RAM expansion daughterboard that mounts onto the California Access Malibu Board SCSI controller. Auto-configures in 2, 4, and 8MB combinations. Uses easy-to-use mount SIMM modules (1MBx8), so users can install the memory themselves. No wait states designed. Low part count insures reliability. Mounts easily onto the Malibu Board SCSI controller and sits flush with the height of a standard mounted 3.5 inch hard drive. An economical alternative to stand-alone 8MB memory boards. \$99.95
California Access, 130 Knowles Drive, Los Gatos, CA 95030-1832, (408) 378-0340

◆ Cortex 512K RAM Expansion for A500

Low power 1MB RAM chips. Enable/disable switch. Fat Angus compatible for 1MB Chip RAM. Available with or without battery-backed clock/calendar module.
Cortex Design Technologies Ltd., Britannia Buildings, 46 Fenwick Street, Liverpool L27NB, England, 011-44-236-0480

◆ Cortex 8MB RAM Expansion for A1500/A2000

Fully implemented auto-configure. Zero wait-states. Uses standard 1MB x 8 or 9 bits SIMMS. Available as 2MB, 4MB, 6MB, or 8MB.
Cortex Design Technologies Ltd., Britannia Buildings, 46 Fenwick Street, Liverpool L27NB, England, 011-44-236-0480

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◆ Cortex 8MB RAM Expansion

for A500/A1000

Fully implemented auto-configure, operational through-bus. Has its own power supply. Zero wait states. External fitting-warranty remains intact. Available for 0MB, 269.; 2MB, \$399.; 4MB, \$529.; 8MB, 759.

Cortex Design Technologies Ltd., Britannia Buildings, 46 Fenwick Street, Liverpool L27NB, England, (051) 236-0480

DataFlyer 2000

The DataFlyer 2000 is a fully featured SCSI interface for the Amiga 2000. This non-DMA hard drive controller has all the standard features of products costing twice as much. This all new autobooting eight bit interface provides greatly increased speed. DPerf2 test speeds are 450K bytes per second on a Quantum hard drive. The features include AMAXII compatibility and ease of operation. The DataFlyer includes all hardware to be used as a hard card. The AutoInstall program makes formatting simple. The DataFlyer 2000 will accept the optional DataFlyer RAM plug-on memory board. \$99.95
Expansion Systems, 44862 Osgood Road, Fremont, CA 94539, (415) 656-2890

DataFlyer 500

The DataFlyer 500 has all the features of the DataFlyer 2000 but is housed in a chassis that plugs onto the A500 expansion bus. It comes as a complete system or as a kit with everything you need but the drive itself. Just four screws mounts your choice of any 3.5-inch hard drive. All hardware and cables are included for easy installation. An optional power supply is available that mounts internally. The DataFlyer 500 will also accept the DataFlyer RAM memory card and both the interface and the memory card can be removed from the chassis and used in an Amiga 2000. \$189.95

Expansion Systems, 44862 Osgood Road, Fremont, CA 94539, (415) 656-2890

EXP-8000+ w/2MB

Fully internal 2, 4, and 8MB expansion board for A500. Has coprocessor sockets for adding a 68010 or 16-25 MHz 68881 coprocessor, w/2MB installed. \$349.95

Progressive Peripherals & Software, 464 Kalamath St., Denver, CO 80204, (303) 825-4144

FastRam for A1000 (option)

FastRam board for the A1000. Order #FR10. \$85.00
Xetec, Inc., 2804 Arnold Road, Salina, KS 67401, (913) 827-0685

FastRam for A500 (option)

FastRam board for the SA-5 host adaptor allows memory expansion to 8 Meg using FastSimm modules. (FastSimm modules may be purchased separately). For the A500. Order #FR5. \$75.00
Xetec, Inc., 2804 Arnold Road, Salina, KS 67401, (913) 827-0685

FastRam with 2 meg

FastRam board with 2-1 meg memory modules installed. For the A500, order #FR5-2; \$205.00. For the A1000, order #FR10-2; \$215.00.
Xetec, Inc., 2804 Arnold Road, Salina, KS 67401, (913) 827-0685

FastRam with 4 meg

FastRam board with 4-1 meg memory modules installed. For the A500, order #FR5-4; \$375.00. For the A1000, order #FR10-4; \$385.00.
Xetec, Inc., 2804 Arnold Road, Salina, KS 67401, (913) 827-0685

FastSimm

1MB SIMM memory module with zero wait-state 100 ns access speed. Order #FTS-001.
Xetec, Inc., 2804 Arnold Road, Salina, KS 67401, (913) 827-0685

IN1000 1.5MB Internal RAM Expansion

Model IN1000 is an internal memory expansion guard with clock for the A1000. Includes battery-backed time/calender, and is auto-configurable from 512K to 1.5MB in half meg increments. Available 0K, fully socketed, uses 256K x 1 DRAMS, and includes software support disk with test and utility programs. \$199.00
Spirit Technology Corp., 220 W. 2950 S., Salt Lake City, UT 84115, (800) 433-7572

Insider II

Allows A1000 owners to add up to 1.5MB of Fast RAM internally. User Expandable in 512K increments using 256K x 4.0 rams. Includes battery-backed clock calender. Comes with software for the clock and testing ram. Simple installation, no soldering required. The Insider II is compatible with the Kwikstart Rom board. \$249.95 w/0K.
DKB Software, 832 First Street, Milford, MI 48042, (313) 685-2383

KCS Power PC Board

You now own a unique high-quality technical product which will considerably increase the possibilities of your Commodore Amiga 500. Includes 16 color CGA and hard drive support for Commodore A590. Has 20%-30% faster disc loading. Speeds up to 11 MH. As an emulator, the KCS Power PC Board converts your Amiga into a fully compatible IBM-PC™ computer, allowing full use of the printer and serial port, mouse, one or both joysticks, and one or more external disk drives. \$449.95
Pulsar, 410 Maple Ave, Westbury, NY 11580, (516) 574-0225

Kwikstart A1000

Allows A1000 owners to install a V1.3 or V2.0 Kickstart Rom in their A1000. Frees up 256K of memory for use as Fast RAM under V1.3. Will let you upgrade to the latest operating system without using up your system memory. You can still boot from disk-based Kickstart if needed. Compatible with the Insider and Insider II. From the maker of the first internal Fast RAM expansion board for the A1000. \$99.95 w/o RAM. \$99.95
DKB Software, 832 First Street, Milford, MI 48042, (313) 685-2383

MM 2130 MEGA-MEMORY BOARD™

A 2, 4, or 8MB 32-Bit DRAM daughter board for the Mega-MidgetRacer™. Programmable DRAM controller allows for the use of 100NS to 60NS DRAM chips. Faster RAM provides faster throughput. Allows for 19MB of RAM to be installed into ANY Amiga computer. Surface-mount design saves space and enhances reliability. Prices start at \$349.
CSA/Computer System Assoc., 7564 Trade St., San Diego, CA 92121, (619) 566-3911

MegaBoard 2000

Provides the A2000 with 2MB of internal RAM. The MegaBoard 2000 is fully auto-configuring with a high speed discrete RAM controller which provides a no-wait state; uses only one expansion slot, and has built-in hardware refresh. Extensive test software and a complete installation manual make the MegaBoard 2000 a snap to install. \$349.95
Progressive Peripherals & Software, 464 Kalamath St., Denver, CO 80204, (303) 825-4144

MegaChip 2000

Allows Amiga 2000 owners to expand their 512K or 1 MB Chip RAM to 2MB of Chip RAM. Uses the 2MB Agnus that is used in the A3000. Doubles the amount of RAM accessible to the Amiga's custom chips. Excellent for DeskTop Video or Publishing. Expands your capabilities for 3-D rendering and animations, graphics design, and digitizing. \$299.95
DKB Software, 832 First Street, Milford, MI 48042, (313) 685-2383

Memory for Amiga

Memory expansion for the A500, A1000, and A2000. For the A500 we offer 1/2 to 8MB of internal and external (leftside) memory. For the A1000, we offer 1/2 MB of internal and external (rightside, frontside) memory. And for the A2000, we offer 1/2 to 8MB of internal memory expansion. \$79.95 to \$579.95.
Skyles Electric Works, 231E South Whisman Road, Mountain View, CA 94041, (800) 227-9998

Meta4

Meta4 is a zero-wait state memory expansion card for the A2000. Using state of the art SIMM memory modules, either 512K, 1MB, 2MB, or 4MB of RAM may be plugged into Meta4's four low profile sockets. The 512K and 1MB increments are available using 256K x 8 SIMMs while 2MB and 4MB increments are available using 1MB x 8 SIMMs. Meta4 measures in at 1/2 the length of a standard Amiga card and is specially designed to fit in their Trumpcard 500 enclosure along with the Trumpcard SCSI disk controller and the SCSI disk drive. Power consumption is kept to a bare minimum with smart refresh circuitry that draws less than one amp when fully populated with 4MB of RAM, and fully loaded, Meta4 consumes less than five watts. 512K: \$319.95, 1MB: \$399.95, 2MB: \$469.95, 4MB: \$699.95 \$169.95
Interactive Video Systems, 7245 Garden Grove Blvd. Ste. E, Garden Grove, CA 92641, (714) 890-7040

MiniMegs™

A 2MB external RAM board for A500 and A1000. Snaps onto external bus port. Fast RAM. Zero wait states. Low power pocket size. Autoconfigures. RAM tachometer. 512K, 1MB, and 2MB. Comes with a 12-month warranty \$199.00.
M.A.S.T. Memory and Storage Technology, Inc., 1395 Greg Street, Sparks, NV 89431, (702) 359-0444

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OVERboard

The OVERboard plugs onto the BASEboard and provides an additional 2MB of memory. It brings your Amiga up to 6.5MB of internal memory. The mapping provides 4.0MB contiguous memory blocks with optional mapping available that increases it to 6MB. It comes with 512K installed and sockets for an additional 1.5MB. The OVERboard also utilizes worry free four layer construction. \$129.95

Expansion Systems, 44862 Osgood Road, Fremont, CA 94539, (415) 656-2890

Octabyte

Octabyte is available with 0 to 8MB (in 2MB increments). The Octabyte 8MB board is an auto-configuring, 0 wait state board. Easy to install. Includes software disk with test and utility programs. \$192.00

Spirit Technology Corp., 220 W. 2950 S., Salt Lake City, UT 84115, (800) 433-7572

Octo-Plus A2000 FastRAM Board

An 8MB Fast RAM for A2000. Zero wait states, Autoconfigure. 2, 4, 6, or 8MB low power. Twelve-month warranty. \$239.00

M.A.S.T. Memory and Storage Technology, Inc., 1395 Greg Street, Sparks, NV 89431, (702) 359-0444

Series II Ram Board

Series II Ram Expansion Board for the Amiga 2000. The Ram Expansion board comes with 2MB of factory-installed, auto-configured Ram, expandable to 8MB. Memory modules are easily installed. The new Ram board also supports a 6MB configuration for maximum memory utilization for Commodore's A2088/2286 Bridge-board users. \$249.00

Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770

please see display ad inside front cover

StarBlazer A500/1000

Accelerator/RAM/SCSI Box

External 8MB RAM, SCSI controller and accelerator. For A500 and A1000. Tiny case. Can control up to seven SCSI devices. Has total flexibility for those users on a budget who want a modular powerful upgrade path. Start with 8-bit SCSI controller, \$129.00, add fast autoconfiguring RAM in 2MB increments up to 8MB, add a 68030 module 25MHz (\$399) and math coprocessor. Memory can be 16- or 32-bit wide. There is even a 16-bit SCSI module for lightning fast transfer rates (\$89 extra). A future option is 68040 support. Hard drive controller autoboots from 1.3. Supports 2.0. M.A.S.T. Memory and Storage Technology, Inc., 1395 Greg Street, Sparks, NV 89431, (702) 359-0444

StarBoard 2

Memory expansion for the A1000. Up to 2MB of zero-wait state auto-configuring FastRAM. Accepts either of two daughterboard modules: The original Multi-Function Module or the brand new SCSI module. Bus-powered. Passes the bus on; A1000 can power two fully loaded StarBoard 2's. \$299.00

MicroBotics, Inc., 1251 American Parkway, Richardson, TX 75081, (214) 437-5330

Supra Drive RAM Expansion Module for A500

2MB RAM upgrade for A500 Supra Drives or Supra SCSI interfaces. Installs in the interface, powers from hard disk. \$399.00

Supra Corporation, 1133 Commercial Way, Albany, OR 97321, (800) 727-8772

Supra RAM 2000

RAM board for the A2000. Easy to expand. Zero wait states and hidden refresh. Four-layer board reduces noise and improves reliability. Made in

the USA. 2MB, \$449.00; 4MB, \$449.00; 6MB, \$849.00; 8MB, \$1049.00.

Supra Corporation, 1133 Commercial Way, Albany, OR 97321, (800) 727-8772

The DataFlyer RAM

The DataFlyer RAM is a 4/8MB memory board that plugs onto the DataFlyer interface or can be used as an A2000 card in a 100 pin slot. Using 256 x 4 DRAMs, memory can be added in increments of 512K up to 4MB. Using 1MB x 4 DRAMs (DIP), memory can be added in increments of 2MB and up to 8MB. 0K memory. \$119.95

Expansion Systems, 44862 Osgood Road, Fremont, CA 94539, (415) 656-2890

X-RAM, 8.0MB External Expansion RAM

Chassis enclosed, external 8MB RAM memory expansion system for A500/A1000. The 2, 4, 6, and 8MB expandable RAM plugs into the 86-pin side bus. The chassis enclosed memory board can be plugged directly into A2000 100-pin expansion bus. \$270.00

Spirit Technology Corp., 220 W. 2950 S., Salt Lake City, UT 84115, (800) 433-7572

▼ MEMORY EXPANSION W/CLOCK ▼

501-s Memory+Clock

Half a Meg, Clock, and Switch for the A500! When you add the inboard 512k memory and clock module to your A500, make it a MicroBotics-brand, plug compatible work-alike. Its built-in switch allows you to shut it down without having to uninstall it when ill-behaved software expects no more than 512k in your Amiga. The M501-s uses high-quality 256k-by-1 CMOS memory chips and a long-life, user replaceable lithium battery. Set the Microbotics clock using the same software on your Workbench disk as you use for the Commodore clock. \$79.00

MicroBotics, Inc., 1251 American Parkway, Richardson, TX 75081, (214) 437-5330

A501 RAM Expander

Expansion inboard 512K memory and clock module, expands your A500 to 1 MB and keeps it up to date. \$149.00

Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

EXP-512

A 512K clock/calendar board for the A500. \$169.95

Progressive Peripherals & Software, 464 Kalamath St., Denver, CO 80204, (303) 825-4144

MICROMEGS

Ultimate low power 512K internal RAM expansion. A501 clone. Uses 1MB DRAMS. Battery-backed clock/calendar. Small size. Fits under A500. User-installable. Switchable. Twelve-month warranty. \$59.00

M.A.S.T. Memory and Storage Technology, Inc., 1395 Greg Street, Sparks, NV 89431, (702) 359-0444

RM550C

This 512 KB RAM Card for A500 Systems comes with on/off switch and quality chip and battery in slim card size. \$79.00

ROCTEC Electronics Inc., 170 Knowles Drive, Ste. 202, Los Gatos, CA 95030, (408) 379-1713

RamWorks 500, 2000

512K internal memory card and clock card for the Amiga 500, boosting the computer's available RAM to 1MB. The built-in clock function automatically time and date stamps your files. Design incorporates 256K X 1 chips. Included is a graphical diagnostic program that checks for bad or improperly seated chips. 5 year warranty.

RamWorks 2000 available in sizes from 0K to 8MB and is easily user-upgradeable. \$79.00

Applied Engineering, P.O. Box 5100, Carrollton, TX 75011, (214) 241-6060

Supra RAM 508

Let's you add from 512K to 8MB of RAM to your A500. First 2MB of RAM is Auto-Configured; remaining RAM is recognized through easy-to-use software. Installs easily without soldering in the A-501 Clock/RAM slot with an adapter that plugs into the 'Gary' chip socket. Includes battery backed-up real-time clock/calendar. One year warranty.

Supra Corporation, 1133 Commercial Way, Albany, OR 97321, (800) 727-8772

Trapper A500 512K RAM Expansion

Expansion unit with clock for A500. Send for information through mail (enclose stamps).

James Arnold, 2622 Chauncy Road, Riverside, CA 92506, (714) 787-9833

Trapper, A500 512K RAM Expansion

Trapper features A500 trapdoor 512K expansion card, and quick and easy plug-in installation. It is 100% compatible with the A501 expansion card from Commodore, as well as with the Fatter Agnus upgrade chip. Includes battery-backed time/calendar and 256K x 1 and 256 x 4 board versions are available OK or populated. \$44.00

Spirit Technology Corp., 220 W. 2950 S., Salt Lake City, UT 84115, (800) 433-7572

▼ BATTERY BACKUP MEMORY ▼

R 502-U

Internal RAM card for A-500 computer with realtime battery backed up clock. This unit mounts where the regular 501 card mounts. \$160.00

Corwyn International, 977 Seminole Trail, Charlottesville, VA 22901, (804) 974-1690

▼ BATTERY BACKUP MEMORY ▼

Stramdisk

Static RAM card w/battery back up support. Auto-configures. Auto cold boots. Load up your favorite boot software or operating system. Have it instantly available when you power up or reboot your Amiga. Available in 0K, 256K, 1MB, and 4MB. Plugs into A2000 or BusExpander™. Bill's Boards, 9528 Miramar Road, Suite 181, San Diego, CA 92126, (619) 486-0908

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Accelerators

▼ ACCELERATORS GENERAL ▼

A2630/4

A Motorola 68030-based accelerator board for the A2000 series computers which features a 25MHz MC68030 microprocessor, a 25MHz MC68882 math coprocessor, and a 68851 memory management unit. Comes standard with 4MB of 32-bit memory, and provides the professional Amiga user with a dramatic performance increase for math-intensive applications such as 3-D solid modelling or visualizations. \$1799.00
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

◆ AdSpeed

AdSpeed is a low cost, full featured 14.3MHz accelerator for all 68000-based Amiga computers. AdSpeed differs from other accelerators by using an intelligent 16K static RAM cache to allow zero wait state execution of many operations at twice the regular speed. Simple no-solder installation. Software selectable speeds. 32K of high speed static RAM. \$349.95
ICD Incorporated, 1220 Rock Street, Rockford, IL 61101, (815) 968-2228

Animate Turbo Board I

This standard accelerator board is a replacement for the MC68000 processor. On board you have the 68020 and the 68881 or 68882 processors giving you turbo power. With 68020 and 16MHz 68881. \$459.00
Advanced Computer Design, Carl Schurz-Str.11, D-2800 Bremen 1, West Germany, 011-49-421-349-9517

Animate Turbo Board II

Nearly the same as the ATB I with one major difference. Now you can switch between the 68020 and the 68000 processor. That gives a total of three processors on one board. Useful for those who are using some of the few programs that refuse to run with the 68020, or want to play games at normal speed. With 68020 and 16MHz 68881.
Advanced Computer Design, Carl Schurz-Str.11, D-2800 Bremen 1, West Germany, 011-49-421-349-9517

Animate Turbo Board III

Designed for the A2000. Fits into the A2000 MMU slot and is the first board for the Amiga that comes with the option for up to 4MB of 32-bit static RAM on-board. With 68020 and 16MHz 68881.
Advanced Computer Design, Carl Schurz-Str.11, D-2800 Bremen 1, West Germany, +49 421 3499517

◆ Boogie Board

An internal 68030 accelerator for the A2000. Includes a 33MHz 68030 processor and 68882 floating-point co-processor. Features an advanced single-card CPU and memory design that supports up to 16MB using state-of-the-art SIMM modules. Asynchronous clock speed for both the 68030 and 68882. Fully supports 68030 data cache and burst mode and supports DMA into the on-board 32-bit memory.
California Access, 130 Knowles Drive, Los Gatos, CA 95030-1832, (408) 378-0340

◆ Fusion-Forty

The Fusion-Forty is a 25MHz 68040-based accelerator for the Amiga 2000. The unit performs over 31,000 Dhrystone. The unit is expandable on board to a maximum of 32MB of 32-bit RAM. Users of the Fusion-Forty should expect to see major performance increases in integer and floating point processing over current 68030-based Amigas. It comes with a hardware switch to enable you to return to your own system. It is 3-D graphics and VideoToaster compatible. It will work with any SCSI drive. \$2995.00
RCS Management Inc., 120 McGill Street, Montreal, Quebec, Canada H2Y 2E5, (514) 871-4924

Impact A2000-030/882/28

An internal processor/accelerator board for the A2000 includes: 28MHz 68030 microprocessor with built-in MMU and a 28MHz 68882 floating-point math coprocessor. \$1099.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
please see display ad inside front cover

M/MR 2100 MEGA-MIDGET RACER™

Revolutionary MC68030 accelerator that fits the Amiga A500, A1000, and A2000. Optional 512K, 1MB or 2MB Static RAM, and 1MB to 8MB Dynamic RAM. Software selectable to your original MC68000. Surface-mount design saves space and enhances reliability. CPU can be clocked from 20 to 33MHz on the same board. Replaces the original MC68000 CPU which is then resocketed on the board and switched through software or hardware. Prices start at \$599.
CSA/Computer System Assc., 7564 Trade St., San Diego, CA 92121, (619) 566-3911

◆ Midget Racer/PGY 1240MR

CSA's Midget Racer 68020 accelerator is the least expensive way to increase the rendering times on any 3-D software. Utilizing a Motorola 68020 and allowing for an optional 68881/882 math co-processor, this inexpensive solution offers a three to five times speed increase on those programs utilizing floating point arithmetic. Fits A500, A1000, and A2000. \$350.00
CSA/Computer System Assc., 7564 Trade St., San Diego, CA 92121, (619) 566-3911

Optimizer

Multiple function card provides 14.32MHz 68000 CPU, 68881 math coprocessor, 1MB memory expansion (0MB installed) with fast access to the system ROM routines via FAST BUS™.
Synergy Peripheral Systems, 5638 Allen Ave. Ste. 3, San Jose, CA 95123, (408) 972-2434

◆ Progressive 040-DC

A 68040-based accelerator board with data compression for all A3000's. Installs quickly into A3000 processor slot. Speed increases of up to 20 times that of the 68030. Has 4K instruction and data caches, each with 64 independent areas for fast DRAM access and processor efficiency. Built in FPU and MMU. On-the-fly data compression is user-transparent, compresses at up to 8:1 ratio. Effectively increases hard drive load and save times. Price TBA.
Progressive Peripherals & Software, 464 Kalamath St., Denver, CO 80204, (303) 825-4144

◆ Progressive 040/2000

A 68040-based accelerator board with data compression for all A2000's. Installs quickly into A2000 processor slot. Speed increases of up to 20 times that of the 68030. Has 4K instruction and data caches, each with 64 independent areas for fast DRAM access and processor efficiency. Built in FPU and MMU. Price TBA.
Progressive Peripherals & Software, 464 Kalamath St., Denver, CO 80204, (303) 825-4144

◆ Progressive 040/3000

A 68040-based accelerator board with data compression for all A3000's. Installs quickly into A2000 processor slot. Speed increases of up to 20 times that of the 68030. Has 4K instruction and data caches, each with 64 independent areas for fast DRAM access and processor efficiency. Built in FPU and MMU. Price TBA.
Progressive Peripherals & Software, 464 Kalamath St., Denver, CO 80204, (303) 825-4144

Sapphire 68020/68881 Accelerator

12MHz 68020 and 68881 accelerator card. Fits all Amiga models (A1000, A500, A2000) and requires

no software to run. Increases performance 2.4 times integer, 3.2 Floating Point. One Year Warranty \$399.95
TTR Development, Inc., West Towne Office Center, 6701 Seybold Rd. Ste. 220, Madison, WI 53719, (608) 277-8071

Series II A2000-Combo 22/1

An accelerator board for the Amiga 2000, this system includes a SCSI controller, 22MHz 68030 board, 22MHz floating-point math co-processor, 1MB of 32-bit wide RAM—all on one board. The system is user-expandable to 13MB of 32-bit wide RAM. With the addition of a bracket, a hard drive can be mounted directly onto the board, effectively turning it into a Hard Card as well. Available drives include 42MB Fujitsu, 52MB Quantum (LPS), 105MB Quantum, and 200MB Maxtor. \$1099.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
please see display ad inside front cover

Series II A2000-Combo 33/4

An accelerator board for the Amiga 2000, this system includes a SCSI controller, 33MHz 68030 board, 33MHz floating-point math co-processor, 4MB of 32-bit wide RAM—all on one board. The system is user-expandable to 16MB of 32-bit wide RAM. With the addition of a bracket, a hard-drive can be mounted directly onto the board, effectively turning it into a Hard Card as well. Available drives include 42MB Fujitsu, 52MB Quantum (LPS), 105MB Quantum, and 200MB Maxtor. \$1999.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
please see display ad inside front cover

Series II A3050

An accelerator board for the Amiga 2000, this system includes an AT controller, 50MHz 68030 board and 50MHz floating-point math co-processor chip. It comes installed with 4MB of 32-bit wide fast RAM on a daughter board and is user-expandable to 32MB of 32-bit wide RAM. Available drives include 40MB Quantum, 80MB Quantum, 200MB Maxtor, and 340MB Maxtor. \$2999.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
please see display ad inside front cover

◆ StarBlazer A500/1000

Accelerator/RAM/SCSI Box
External 8MB RAM, SCSI controller and accelerator. For A500 and A1000. Tiny case. Can control up to 7 SCSI devices. Has total flexibility for those users on a budget who want a modular powerful upgrade path. Start with 8-bit SCSI controller, \$129.00, add fast autoconfiguring RAM in 2MB increments up to 8MB, add a 68030 module 25MHz (\$399) and math coprocessor. Memory can be 16- or 32-bit wide. There is even a 16-bit SCSI module for lightning fast transfer rates (\$89 extra). A future option is 68040 support. Hard drive controller autoboots from 1.3. Supports 2.0.
M.A.S.T. Memory and Storage Technology, Inc., 1395 Greg Street, Sparks, NV 89431, (702) 359-0444

◆ SupraTurbo 040

A 68040 accelerator for the Amiga 3000. It installs easily in the coprocessor connector on the A3000, and provides vast performance increases. The SupraTurbo 040 accelerates operations such as ray tracing, rendering, or spreadsheet recalculation by as much as 10 times that of a standard 25 MHz Amiga 3000. It contains separate 4K caches for instructions and data and each cache has 64 independent cache areas. One year warranty. \$1295.00
Supra Corporation, 1133 Commercial Way, Albany, OR 97321, (800) 727-8772

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Entertainment

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▼ VIDEO HARDWARE GENERAL ▼

AirLink 2.0

The AirLink is connected to the second mouse port and contains an infrared receiver and transmitter. Make pop-up AIR (Amiga Infra Red) screen duplicates of your favorite IR remote controllers. Output for remote-wired IR LEDs. Includes an AIR Window library of LDs, CDs, VCRs, etc. Also includes AmigaVision, Bars & Pipes, CanDo, and ARexx examples. Trigger IR commands from the mouse, menus, hotkeys, timer, CLI, ARexx, MIDI, serial, or the parallel port. \$50.00
Geodesic Publications, P. O. Box 956068, Duluth, GA 30136, (404) 822-0566

BCD VideoLink—232

The VideoLink features frame-accurate location of videotape segments using BCD's Absolute Addressing code which numbers each video frame and provides a Tape I.D. number. The VideoLink's internal video/audio switcher permits one TV monitor to display composite video from either the tape or the computer. \$1295.00
BCD Associates (Interactive Video Systems), 7510 North Broadway Ext. Suite 205, Oklahoma City, OK 73116, (405) 843-4574

Color Splitter

For use with Digi-View, this electronic color splitter allows users to capture color images from VCR, LaserDisk, CamCorder, or any still NTSC video source without using color filters. \$150.00
MicroSearch, Inc., 9896 Southwest Freeway, Houston, TX 77074, (713) 988-2818

◆ DQ-TACO Toaster Animation Controller

This single slot, board level video animation controller is designed to work within the Amiga 2000/2500 series with the Newtek VideoToaster, as well as within the Amiga 3000 series with other graphics applications. The controller has a seamless interface to LightWave 3D and can be expanded to control multiple serial VTRs for editing and multimedia applications. Features include accurate recording; automated functionality; control of video, laser disc, and digital disk recorders; multiple software interfaces. NTSC or PAL available. \$1795.00
Diaquest, 1440 San Pablo Ave., Berkeley, CA 94702, (415) 526-7167

Future Touch MediaPro

Designed to stand-alone or multitask with a host Amiga, Media Pro provides a low-cost control system for interactive multimedia applications. MediaPro, with its own CPU, reads application software from a laser disc on bootup and accepts

and interprets input from touch screens or key-boards. The board, with four serial ports and eight I/O ports, provides user controls for stereo audio amplifier, diagnostics, printer functions, proximity sensing, coupon dispensing, and other control functions. \$695.00
Future Touch, div. of Amigo Business Computers, 192 Laurel Rd., E. Northport, NY 11731, (516) 757-7334

◆ HRV2000 Graphics Board

The HRV2000 Graphics Board provides for resolution of up to 1024x800 with 256 displayable colors from a palette of over 16 million colors. The system will provide you with three times the definition of your standard 640x400 resolution. It will allow you to bring your work close to photographic quality images.
Digital Micronics, Inc., 5674-P El Camino Real, Carlsbad, CA 92008-7130, (619) 931-8554

◆ LaserView

The LaserView Laser Disc Player consists of a Pioneer LD-V2000 Laser Disc Player, cabling and software driver that works with Commodore's AmigaVision software. A cable connected to the Amiga's parallel port controls the player through the AmigaVision Disc Player icon instead of a remote control. AmigaVision programs that operate with the Pioneer 2200 and 4200 series Laser Players will also run with the LaserView Disc Player. \$699.00
Amigo Business Computers, 192 Laurel Road, E. Northport, NY 11731, (516) 757-7334
please see display ad page 54

MIDI-Mice

MIDI-Mice is a man-machine interface for the Amiga, for use in your interactive hypermedia productions and performances. By emulating all mouse and keyboard functions, MIDI-Mice software allows you to control virtually any video, music, or paint programs from your MIDI instruments. \$85.00
Tensor Productions, 280 Mathilda Drive No.9, Goleta, CA 93117, (805) 685-2994

MediaPhile MP2.0A Infrared Controller

Controls video decks, compact and laser disc players, and other infrared controlled devices from personal computers. One infrared signal output, two independent Sony S-port outputs and one infrared sensor input. Learns infrared codes for any device. \$245.00
Interactive MicroSystems, Inc., 9 Red Roof Lane, Salem, NH 03079, (603) 898-3545

◆ PowerMid PM5900

The PowerMid PM5900 (Transmitter and Receiver) is an X-10 (USA) Inc. product sold by Geodesic having an enhancement for AIR Window users. Includes one IR Sensor to RF Transmitter and one RF Receiver to IR Emitter. Enables the Amiga-generated IR signals to be distributed throughout a building via radio waves using one transmitter and multiple receivers. \$40.00
Geodesic Publications, P. O. Box 956068, Duluth, GA 30136, (404) 822-0566

◆ PowerMid RE549

The PowerMid RE549 (Receiver) is an X-10 (USA) Inc. product sold by Geodesic having an enhancement for AIR Window users. Includes one RF Receiver to IR Emitter. IR output is very bright. Enables the Amiga-generated IR signals to be distributed throughout a building via radio waves. \$20.00
Geodesic Publications, P. O. Box 956068, Duluth, GA 30136, (404) 822-0566

◆ Prism Pal Color Splitter

The Prism is specifically designed to work with Digi-View. It accepts a standard or SVHS PAL Composite video signal as input. The output is automatically switched between red, green, and blue. A second output is available as RGB & Composite sync for a color monitor, so that you can see what you are about to digitize. The front panel has saturation, contrast, brightness controls, and shows which color is being sent to the digitizer with three L.E.D.s. A manual switch can be installed to use with other digitizers. Aus \$499.00.
W. van Heeckeren, 12 Burfitt Street N.S.W. 2040, Australia, 011-612-560-2910

The Producer Systems

Complete studio systems, from starter to complete professional. Studios customized to your application, up to and including Targa systems. All hardware, software, furniture, set up, and training available. Call for price quote. Also MIDI systems, all Amiga-based.
Dimension-X, Inc./CommoTech, 1636 D Ave., National City, CA 92050, (619) 477-3106

◆ Video Arts Teleprompting Systems

Complete hardware and software teleprompting packages. Hardware configurations include either camera-mount or independent telepod support systems with 12-inch monitor/prompter, monitor lensview, and monitor mount assembly. Software is AutoPrompt by DigiSoft. An optional remote hand-controller device is available to adjust speed, direction, and control start and stop with 25' or 50' cable. Price: \$2495 to \$2645.
Active Circuits, Inc., 1985 Highway 34 Ste. A-4, Wall, NJ 07719, (201) 974-1616

◆ VideoColorCal

VideoColorCal is an integrated system that allows users to calibrate genlocks, monitors, and video equipment through the complete range of standard video signals. It provides SMPTE test standards, such as color bars, cross hatch, pin cushion, etc. The laser disc also provides various audio standards such as surround sound test tones, etc. The system consists of a Laserview Pioneer LD-V2000 Laser Disc Player, cabling, software driver, 'A Video Standard' reference laser disc, and the AmigaVision-based calibration program. \$749.00
Amigo Business Computers, 192 Laurel Road, E. Northport, NY 11731, (516) 757-7334
please see display ad page 54

Videoon

A direct NTSC video digitizer. Extensive software includes full image processing and 3-D mapping of images. \$399.95
Power Computing Ltd., 44A Stanley Street, Bedford MK41 7RW, ENGLAND, 011-44-234-27-3000

▼ DIGITIZERS ▼

◆ DCTV

DCTV is a revolutionary new video display and digitizing system. DCTV creates a full color NTSC display with all the color and resolution of television. Captures a video frame in 10 seconds from any color video camera. Displays and captures full color 24-bit high resolution images. DCTV Paint (included) is the most powerful paint package to ever grace the Amiga. Convert DCTV images to or from any IFF display format (including HAM and 24-bit). Works with all popular 3-D programs. Animate in full NTSC color. \$495.00
Digital Creations, 2865 Sunrise Boulevard, Ste. 103, Rancho Cordova, CA 95742, (916) 344-4825

▼ DIGITIZERS/ACCESSORIES ▼

Auto Droid

Cuts digitizing time by nearly 50% over manual operation, and it's easy to use. With Auto Droid installed, all you have to do is select digitize auto and watch Auto Droid and Digi-View™ do the rest. Auto Droid also lets you digitize using the clear filter for black-and-white images. This keeps you from having to remove your 'Droid' every time you switch from color to black and white. Focusing with the clear filter makes it much easier to obtain sharp images. \$59.95

MicroSearch, Inc., 9896 Southwest Freeway,
Houston, TX 77074, (713) 988-2818

AutoLink

An electronic module allows fully automatic color digitizing when used with the Color Splitter, Digi-View, and any composite color video source. It plugs into the back of the Color Splitter and into the second port of the Amiga. All you have to do to get color IFF images is select 'digitize aut' in your Digi-View software. It's easier and a lot faster than manual operation. \$49.95

MicroSearch, Inc., 9896 Southwest Freeway,
Houston, TX 77074, (713) 988-2818

Digi-Droid

Motorized filter wheel automatically advances the color filter wheel for Digi-View. Speeds up digitizing and minimizes chances for mistakes. Hands-free digitizing. \$79.95

NewTek, 215 E. 8th St., Topeka, KS 66603,
(913) 354-1146

▼ DIGITIZERS/FRAME GRABBERS ▼

FrameGrabber

Real-time color video digitizer for NTSC Amiga 500, 1000, 2000, and 3000. \$499.95
Progressive Peripherals & Software, 464 Kalamath St., Denver, CO 80204, (303) 825-4144

FrameGrabber 2.0

Real-time, 4096 color, video digitizer. Grab color images from VCR or camera in 1/30 of a second. Supports screen resolutions from 320 x 200 to 640 x 400, including lo-res overscan. For all Amigas. \$499.00

Progressive Peripherals & Software, 464 Kalamath St., Denver, CO 80204, (303) 825-4144

◆ FrameGrabber 2.0 Software

Powerful enhancement software for FrameGrabber. Offers image printing and processing: shrink, zoom, magnify, sharpen, blur, and more. \$49.95

Progressive Peripherals & Software, 464 Kalamath St., Denver, CO 80204, (303) 825-4144

FrameGrabber 256

256 gray-shade video digitizer with professional image processing software. Displays up to 256 shades of gray on any Amiga monitor. For all Amigas. \$724.95

Progressive Peripherals & Software, 464 Kalamath St., Denver, CO 80204, (303) 825-4144

LIVE!

Digitizes a moving color image in real time from any video source to the A1000. This package can decode an NTSC video signal, grabs a picture as fast as 15 frames per second in 16-level gray scale, and has an overscan ability to completely cover the Amiga video screen with your image (no blank borders). Plugs into the A1000 expansion port! \$295.00

A-Squared Distributions, Inc., 6114 LaSalle Ave., Oakland, CA 94611, (415) 339-0339

LIVE!2000

Same features as Live! and Live!500. Dual video switching (allows fades, wipes, and other special effects), video signals from composite video or

RGB input, 640 x 400 resolution, optimizer package for B&W cameras, and additional real-time video effects. LIVE!2000 fits internally into the A2000 and is Zorro 2-compatible. \$450.00
A-Squared Distributions, Inc., 6114 LaSalle Ave., Oakland, CA 94611, (415) 339-0339

LIVE!500

Digitizes a moving color image in real time from any video source to the A500. Decodes an NTSC video signal, grabs a picture as fast as 15 frames per second in 16-level gray scale, and has an overscan ability to completely cover the Amiga video screen with your image (no blank borders). Plugs into the A500 expansion port and comes with its own power supply. \$399.00

A-Squared Distributions, Inc., 6114 LaSalle Ave., Oakland, CA 94611, (415) 339-0339

◆ Spectrum

Full 24-bit FrameGrabber/ Buffer with BNC connectors. Supports full overscan, stores NTSC image internally. Saves in all popular formats including IFF 24 and RGBN. Grabs a frame in 1/30th of a second, or a field in 1/60th of a second. True video quality. Captures and digitizes in full NTSC color, no color splitter required. Requires 1MB of memory. \$699.00

Pyramid Video Technologies, Div. of Preferred Technologies Inc., 14540 E. Beltwood Parkway, Dallas, TX 75244, (214) 702-9191

Video Digitizer

Real-time frame grabber in 1/60 second, 320 x 256 display with 16 gray levels. Updates screen at 1 frame/sec. Saves screen as IFF format. Edit pictures with cut, paste, copy, reverse, negative & more. \$139.95

Datel Computers, 3430 E. Tropicana #67, Las Vegas, NV 89121, (800) 782-9110

▼ DIGITIZERS/SCANNERS ▼

IMG Scan II

Turns your printer into a high-resolution image scanner. With 256 gray levels, full-color assignable. \$139.95

Seymour-Radix, P. O. Box 166055, Irving, TX 75016, (214) 255-7490

Migraph Hand Scanner and Touch-Up

Scanner features: 4-inch scan window, 100, 200 and true 300 and 400 dpi resolutions, adjustable contrast, three dither settings for halftones and one for line art. Software has all the standard features plus lots of special effects, bezier curves, and scaleable fonts. \$399.00

Migraph, Inc., 200 S 333rd #220, Federal Way, WA 98003, (206) 838-4677

DIGITIZERS / SCANNERS ▼ ACCESSORIES ▼

Professional ScanLab

Professional color scanning package that includes all the software cables and hardware interfaces for the A2000 to provide total control over Sharp's JX-300 and JX-450 and JX 600 color scanners. High-quality, 24-bit data from the scanner can be converted into Amiga HAM images, or maintained in its 24-bit true color form. Sent to professional output device, this translates into 16 million colors. \$995.00

ASDG, Inc., 925 Stewart St., Madison, WI 53713, (608) 273-6585

▼ DVE ▼

◆ Rambrandt/Amiga

A 32-bit dual framebuffer with 24-bit painting and real-time digitizing. NTSC/PAL composite and RGB input and output. On-board T.I. 34020 processor for real-time resizing, 'window in a window,' animations, zoom, and other ADO-style effects, all in 16 million colors at resolutions

up to 1024 x 1024. Onboard video RAM and IBM to 8 MB RAM for 34020 applications. Includes 24-bit paint software included. A 34082 coprocessor is optional. System requirements: A2000/2500/3000. Price TBA.

Progressive Peripherals & Software, 464 Kalamath St., Denver, CO 80204, (303) 825-4144

▼ EDITING HARDWARE ▼

AmiLink 2.0

Frame accurate A/B-Roll-Cuts video tape editor. Complete control of all editing features using mouse, keyboard or joystick. Keyboard layout is industry standard (CMX/GVG). Full edit-list creation, manipulation, and translation of all standard list formats. Use SMPTE/EBU time code. Control up to 13 source machines and four record decks on-line from a network of 31 devices. The Electronic Patch Bay allows switching of ON-LINE and OFF-LINE machines without any cable swapping. Mix serial and parallel controlled machines. Over 80 VTR's, from 1/2 inch to D2, supported in an Interformat environment. Used by NASA and ABC. \$4380.00

RGB Computer & Video, 3944 Florida Blvd. Ste. 4, Palm Beach Gardens, FL 33410, (407) 622-0138

AmiLink/VT

All of the features of AmiLink 2.0. AmiLink/VT combined with NewTek's Video Toaster provides integrated post production from a single computer video workstation. One keyboard and mouse control all phases of AmiLink/VT and NewTek's Video Toaster. LightWave 3-D single-frame animation fully supported. Available support for controlling a second Amiga/Toaster machine. Prices starting at \$4630.00.

RGB Computer & Video, 3944 Florida Blvd. Ste. 4, Palm Beach Gardens, FL 33410, (407) 622-0138

BCD-5000

The BCD-5000 Professional Video Animation Controller for computers with a serial port provides frame-accurate control of most industrial and broadcast video tape and disc machines. While designed as a video animation controller, the BCD-5000 is at home anywhere computers are needed to control video machines. \$2495-\$3495

BCD Associates (Interactive Video Systems), 7510 North Broadway Ext. Suite 205, Oklahoma City, OK 73116, (405) 843-4574

MediaPhile 2.0M Sony 8mm

Video Deck Interface Controller

Brings videotape counter information into personal computers from two modified 8mm video decks. One remote switch output and one serial data input. Includes one counter sense cable. \$150.00

Interactive MicroSystems, Inc., 9 Red Roof Lane, Salem, NH 03079, (603) 898-3545

MediaPhile 2.0P Universal

Tape Deck Interface Controller

Brings videotape counter information into personal computers from two modified VHS, SVHS, or Beta decks. One remote switch output and one serial data input. Includes one counter-sense cable. \$175.00

Interactive MicroSystems, Inc., 9 Red Roof Lane, Salem, NH 03079, (603) 898-3545

MediaPhile 2.0PUG Universal

Tape Deck Controller

Brings videotape counter information into personal computers from two modified VHS, SVHS, or Beta decks. One remote switch output and one serial data input. Two additional ports can be independently configured as infrared control outputs, Sony S-port control outputs or SMPTE time code inputs. Includes one counter sense cable and a Sony RMT-E1S infrared remote control. \$270.00

Interactive MicroSystems, Inc., 9 Red Roof Lane, Salem, NH 03079, (603) 898-3545

Graphic Arts
Desktop Video
Word Processing
Desktop Publishing
Music
Education
Business & Home Productivity
Programming
Utilities
Entertainment
Miscellaneous Software
Drives
Memory Expansion
Accelerators
Video Hardware
Miscellaneous Hardware
Accessories & Services
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CDTV
PDS Guide
AMICUS Index
Fred Fish Index
Vendor/Product Registration
AC Back Issue Index
User's Groups
Vendor Information
Product Index by Product
Product Index by Vendor
Category Index
Last Minute Additions

MediaPhile 2.0S Sony CTL-L Port Interface Controller

Brings videotape position information into personal computers from two Sony video decks, camcorders, or other devices equipped with CTL-L remote ports. One remote switch output and one serial data input. Includes one Sony remote port adapter cable. \$220.00
Interactive MicroSystems, Inc., 9 Red Roof Lane, Salem, NH 03079, (603) 898-3545

MediaPhile 2.0SUG Sony CTL-L Port Controller

Brings videotape position information into personal computers from two Sony video decks, camcorders, or other devices equipped with CTL-L remote ports. One remote switch output and one serial data input. Two additional ports can be independently configured as infrared control outputs, Sony S-port control outputs or SMPTE time code inputs. Includes one Sony remote port adapter cable and a Sony RMT-E1S infrared remote control. \$315.00
Interactive MicroSystems, Inc., 9 Red Roof Lane, Salem, NH 03079, (603) 898-3545

◆ Panasonic/Selectra AG-1960/RS™

The Panasonic/Selectra AG-1960/RS™ is the first affordable high quality computer controlled professional editing video cassette recorder. Combining the advanced technologies of Panasonic's best-selling S-VHS VCR, the AG-1960, and Selectra's control system, the AG-1960/RS™ is ideal for multimedia applications. The AG-1960/RS™ is controllable from any personal computer through an RS-232 serial port. Selectra's internal microprocessor controller provides interactive control over all VCR functions as well as a broad range of editing features. It is shipped complete with demonstration and control software for Commodore, IBM, and Macintosh computers. \$2195.00
Selectra Corp., P.O. Box 5497, Walnut Creek, CA 94596, (415) 283-1670

▼ ENCODERS ▼

A520 Modulator

Lets you connect the A500 to a composite color monitor or standard TV. Converts video signal into RF modulated and color composite signals. Accepts audio from A500 which is added to the RF video to be heard through TV. Connects to the A500's RGB video port. Power is supplied by the A500. \$49.00
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

◆ Safekey

Uses a standard RS232 port. More sophisticated encoding to provide a much higher level of security than previously available. Safekey provides the convenience of a hardware key in conjunction with the state-of-the-art CMOS microprocessor that allows the adaptability of complex functions, such as math and memory operations. It allows other serial devices to connect via its pass-through port, and will not interfere with the user's ability to make backups or a hard drive installation. Software developers can obtain any of three standard models depending on the level of sophistication required. Price: \$29.00 to \$49.00.
Practical Solutions, Inc., 1135 N. Jones Blvd., Tucson, AZ 85716, (602) 322-6100

◆ SecureKey

Internal device for the Amiga A2000 and A3000 that allows you to enter in one code for system access. Once installed your system cannot be accessed without this code. You can't boot off of the floppy or break out of the start-up sequence. This protects your system and harddrives for unauthorized use.
DKB Software, 832 First Street, Milford, MI 48042, (313) 685-2383

▼ VIDEO ENHANCEMENT ▼

◆ ColorBurst 24-bit Color Card for All Amigas

Now every Amiga model can have 16.8 million colors with quality equal to that of a MAC, but with many additional features. ColorBurst is not HAM or YC mixing, but true 24-bit pure RGB output. There is no blurring or loss of definition with ColoBurst. External device which plugs into monitor port. Greater than broadcast quality. A resolution of 780 x 580 pixels supports full overscan. RGBDynamic White Balance Correction capability. Two hardware playfields and two Amiga hardware playfields for a total of four playfields. Pixel by pixel transparency can be set for truly spectacular special effects. Real time image processing. A 24-bit paint package included. Loads IFF files from DPaintIII, etc. Loaders for DigiView, etc. Can be written to by Blitter for hi-speed graphics manipulation. Stores up to 4 x 16 million color frames at once and does real time animation on 4096 colors out of 16 million palette. Real time horizontal and vertical scrolling. Genlockable. It has 1.5 megabytes chip RAM and own processor chip. \$499.00
M.A.S.T. Memory and Storage Technology, Inc., 1395 Greg Street, Sparks, NV 89431, (702) 359-0444

DEB™ 2000

MicroWay's DEB 2000, Denise Extender Board for the Amiga 2000 and 2500, transfers the video signals required by the FlickerFixer from the Denise socket on the Amiga motherboard to the DEB connector board. DEB 2000 allows MicroWay's award winning flickerFixer to be operated in the Commodore Amiga without utilizing the video slot. As a result, the video slot is left free for other devices such as internal genlocks and frame buffers. \$99.00
MicroWay, P. O. Box 79, Kingston, MA 02364, (508) 746-7341

Flicker Free Video

Flicker-free video is the result when used along with a VGA or Multisynch monitor. Synchronizes automatically in either NTSC or PAL systems. Fully genlock compatible and installs in any 500, 1000, or 2000 system. \$499.95
ICD Incorporated, 1220 Rock Street, Rockford, IL 61101, (815) 968-2228

MasterControl

MasterControl provides all the capability of VidControl, but will accept six discrete inputs from the gameport, as opposed to the one input used by VidControl. MasterControl provides a totally asynchronous capability to interface up to six outside discreties to Amiga software. \$50.00
Integral Systems, P.O. Box 31626, Dayton, OH 45431, (513) 237-8290

VidControl

A typical application for VidControl in a Video production studio would involve synchronization of DeluxePaint III animations with video source from another device, via a GPI controller. VidControl supports user definable response to input signal, permitting the user to define the keyboard message that is passed to the application. VidControl also supports variable time delays between the input event and the passing of the message to the application, permitting, for instance, a video pre-roll delay. More generally, VidControl provides a general purpose input mechanism to permit the synchronization of any Amiga software package with an event in the outside world, based upon a switch closure, from a mouse, a joystick, or any other device. \$30.00
Integral Systems, P.O. Box 31626, Dayton, OH 45431, (513) 237-8290

flickerFixer

Microway's flickerFixer is a professional graphics enhancer that uses de-interlacing and fits in the A2000 and A2500 video slot. Removes the

flicker in the interlace mode and the visible scan lines in the non-interlace mode of the A2000 and A2500 display. Fully compatible and transparent to all user software. Does not modify standard Amiga video signals. The Amiga RGB video output may be used simultaneously with flickerFixer. Supports standard multicasting and VGA monitors. Compatible with 4096-color HAM mode. \$350.00
MicroWay, P. O. Box 79, Kingston, MA 02364, (508) 746-7341

flickerFixer Genlock Compatibility Option

MicroWay's flickerFixer Genlock Compatibility Option allows the flickerFixer to be operated on A2000's and A2500's while simultaneously having NTSC-compatible display through the genlock and high-quality VGA-compatible display through the flickerFixer. It is a small module that piggybacks onto the flickerFixer board so it does not utilize any expansion slots. Now, both the flickerFixer and a genlock can be physically running in the same machine. \$50.00
MicroWay, P. O. Box 79, Kingston, MA 02364, (508) 746-7341

▼ FRAME BUFFERS ▼

◆ ACS Harlequin 32 Bit FrameBuffer

The ACS Harlequin 32 bit framebuffer provides broadcast quality RGB output. All models offer three resolutions-740x486, 832x486, and 910x486 (NTSC) and both interlace and non-interlace. Four models are available providing options for double-buffering, Alpha channel for linear keying plus digital key output. Software supplied includes full programming interface plus package to load images from all Amiga sources.
Amiga Centre Scotland, 4 Hart Street Lane, Edinburgh, EH1 3RN Scotland, 011-4431-557-4242

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M.A.S.T. Memory and Storage Technology, Inc., 1395 Greg Street, Sparks, NV 89431, (702) 359-0444

◆ DCTV

DCTV is a revolutionary new video display and digitizing system. DCTV creates a full color NTSC display with all the color and resolution of television. Captures a video frame in 10 seconds from any color video camera. Displays and captures full color 24-bit high resolution images. DCTV Paint (included) is the most powerful paint package to ever grace the Amiga. Convert DCTV images to or from any IFF display format (including HAM and 24-bit). Works with all popular 3D programs. Animate in full NTSC color. \$495.00
Digital Creations, 2865 Sunrise Boulevard, Ste. 103, Rancho Cordova, CA 95742, (916) 344-4825

◆ FrameBuffer/Amiga

Allows display of Amiga graphics files up to 24-bit RGB/746 x 484 as composite video signal. Also captures video realtime/full color. Works with 3-D Professional, Art Department Pro, Calgary, Sculpt 4-D, Turbo Silver, Imagine, and more.

VideoLinx, 20111 Stevens Creek Blvd., Ste.100, Cupertino, CA 95014, (800) 222-0042

◆ VideoMaster 32

A 32-bit dual frame buffer board with 24-bit painting and 24-bit digitizing capability. The VideoMaster 32 plugs into the Amiga 2000 and 3000 series computers, but uses its own internal RAM and processor exclusively, making it a virtual Video Workstation for video professionals. VideoMaster 32 comes with VideoCanvas 24, 24-bit paint software, diagnostic and control software, thoroughly illustrated manual with examples, and VHS tutorial videotape.

Progressive Peripherals & Software, 464 Kalamath St., Denver, CO 80204, (303) 825-4144

▼ GENLOCK ▼

4004/4004S Genlockable Video

Graphics Encoder

The two plug-in cards of the Magni 4004 offer clean video signals for A2000, A2500, and A3000 graphics programs. Along with absolutely accurate RS-170A video, you get special effects features that include fades, luminance and color zero keying, all under software control with choice of keyboard or mouse. The S version adds a graphics-only output in S-VHS video format. For still greater flexibility, add the optional 4010 Remote Control for external control of effects function, \$595 if purchased separately. \$1,995. with remote control. \$1695.00

Magni Systems, Inc., 9500 SW Gemini Drive, Beaverton, OR 97005, (800) 624-6465

4005/4005S Genlockable Video

Graphics Encoder

The 4005 and 4005S provide the Amiga video professional outside the U.S. with the same flexibility and accuracy as the 4004 but in PAL (the predominant European video standard). \$2,165. with remote control. \$1865.00

Magni Systems, Inc., 9500 SW Gemini Drive, Beaverton, OR 97005, (800) 624-6465

A2300 Genlock

Fits in the A2000's video slot, allows the user to combine the A2000 video display with output from a VCR, video camera, or laser disk. Combined display may be viewed on an Amiga RGB monitor. Titles, captions, and multi-layered effects may be viewed on videotape. Suitable for semi-professional (non-broadcast) environment. Available in both NTSC and PAL versions. \$169.00

Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

AmiGen

This low-cost genlock allows the Amiga to synchronize with any external video system, and overlays computer graphics. Easy to operate! \$199.95

Mimetics Corporation, P. O. Box 1560, Cupertino, CA 95015, (408) 741-0117

Amiga Internal Genlock (A2300)

Video Synchronizer allowing user to superimpose A2000 series video over external source such as a video camera or VCR. \$169.00

Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

◆ Amigen Video Titling Kit

Complete solution for Amiga owner interested in exploring desktop video. Kit includes Amigen with enhanced video output, credit text scroller titling software, and two video cables. \$249.00

VideoLinx, 20111 Stevens Creek Blvd., Ste.100, Cupertino, CA 95014, (800) 222-0042

Chroma Key

It works with any genlock to allow you to place your live signal on top of the computer graphic. This is done by shooting the foreground video against a blue background (provided with the Chroma Key) that is later electronically eliminated when combined with the background computer signal. You can see this technique used every night on your local news broadcast. The weather forecast is in reality just a chroma background. The background video is the weather map, usually a computer graphic. \$395.00

MicroSearch, Inc., 9896 Southwest Freeway, Houston, TX 77074, (713) 988-2818

Magni 4003

Remote control unit controller for use with the Magni 4004 board. Performs variable speed fades along with luminance and inverse keying. Also controls key and fade levels of genlocked graphics. \$499.00

Magni Systems, Inc., 9500 SW Gemini Drive, Beaverton, OR 97005, (800) 624-6465

Neriki 1187

The Neriki Image Master Pro Genlock accurately genlocks the Amiga's RGB output to a reference video signal, or a studio black signal. Will lock to any composite video signal, studio reference, black burst, camera, or tape source. Supports all graphic modes and resolutions. Minimizes duplication losses. Luminance keyer replaced by fader in latest version. Separate RGB and key out. \$2195.00

Telmak Inc., 1101A Air Way, Glendale, CA 91201, (800) 637-4540

Neriki DeskTop

Allows text, graphics, paint, and animation programs to be integrated to video. Features: hi-res with encoded capability of 500 NTSC lines, auto key cuts into background, meets RS170A standards. Models available in PAL and NTSC. Same rack mount genlock with identical performance as the Image Master model 1187 with fewer output combinations, i.e., no key out, RGB out, or sync out. Makes up for lack of connectors with a lower base cost and Y/C input and output. \$1100.00

Telmak Inc., 1101A Air Way, Glendale, CA 91201, (800) 637-4540

OmniGen 701/702

This genlock system for the Amiga is available for both NTSC/PAL standards. Designed primarily for professionals and broadcast applications. Character generator, Custom background generator, Genlocked Teleprompter, 23-pin D SUB in/out connectors with a cable designed for interfacing. Will lock to incoming video or black burst. Also has its own internal sync pulse generator. Adjustments include 360-degree chroma phase, full SC/H Phase control. Models 701 (NTSC) and 702 (PAL) feature composite in and out and S-VHS output. \$1950.00

Omicron Video, 21822 Lassen Street Unit L, Chatsworth, CA 91311, (818) 700-0742

OmniGen 711/712

Same as the above models, but the 711 (NTSC) and 712 (PAL) have full S-VHS input and output (as well as composite). \$2850.00

Omicron Video, 21822 Lassen Street Unit L, Chatsworth, CA 91311, (818) 700-0742

OmniGen 721/722

These models (721—NTSC and 722—PAL) have all the same features of the OmniGen line but are usable on all formats. The units can be used with any professional or non-professional system as they contain inputs and outputs for all formats: composite; S-VHS, Hi-8mm, Beta-ED, 3/4-inch, 1-inch, BetaCam, M2 and more. Product available June 1991. \$3950.00

Omicron Video, 21822 Lassen Street Unit L, Chatsworth, CA 91311, (818) 700-0742

ProGEN

RS-170A, broadcast-quality genlock for all Amigas. Software-controllable. RGB pass-through. \$449.95

Progressive Peripherals & Software, 464 Kalamath St., Denver, CO 80204, (303) 825-4144

◆ RG300C ROCGEN

This is an external Genlock with auto video pass through. There is a manual dissolve function for overlay and fade-in, fade-out. The Genlock also allows the user to choose to have power from the system or from an external source. The Genlock works with A1000, 500, 2000, 2500, 3000 models. The Genlock outputs quality signal for most application environment. NTSC format available in U.S., and PAL format available in Europe. ROCTEC Electronics Inc., 170 Knowles Drive, Ste. 202, Los Gatos, CA 95030, (408) 379-1713

RM-2B Professional Genlock For Amigas

The RM-2B is a 19-inch, rack-mountable, professional genlock subsystem and NTSC encoder for the Amiga. It contains a sync generator and full-field color bar generator. A key/mix mode switch and mixing pot is optional, as is a color sub-carrier phase adjustment. The RM-2B is used by NASA for their high-resolution Shuttle cameras. For a nominal charge, older RM-2 models can be refurbished at the factory to upgrade them to the performance level of the B version. \$2995.00

GlennLoc Corporation, 3903 Carolyn Avenue, Fair, VA 22031, (703) 273-5663

Scanlock

The Scanlock is an external hardware device for Amiga computers that enables the user to selectively mix computer generated graphics and animation with full motion audio and video input from VCRs, video cameras, and television broadcasts. Scanlock is used by professional and amateur video producers as part of sophisticated and cost effective desktop multimedia production workstations. Scanlock is available in two models: VSL-1-N for the North American and Japanese markets supports NTSC and S-VHS, retailing for \$995.00; VSL-1-P for international markets supports PAL and S-VHS 625, and retails for \$1095.00.

VidTech International, Inc., 2822 NW 79th Avenue, Miami, FL 33122, (305) 477-2228

◆ Studio A

Genlock/Encoder/Keyer/Switcher in Desktop chassis with optional field upgrade modules. Basic system NTSC or PAL, internally powered, works with all Amigas. Modular Plug-in up-grades: S-VHS (Y-C); R-G-B/Key/Sync outputs with R-G-B splitter; Computer control, Basic switch functions (all standard): Fade to black, source and/or Amiga; Cut in or out, overlay or full screen graphics; Dissolve with Fader control; Mix, etc. Full Amiga functions with power off. RS-170A or locks to low cost VCR. \$795.00

Spirit Technology Corp., 220 W. 2950 S., Salt Lake City, UT 84115, (800) 433-7572

SuperGen

Genlock and overlay device. Independent dissolve controls, two overlaid outputs, switchable notch filter, accurate lock to VCR output. RGB decoder for true Amiga colors. \$749.95

Digital Creations, 2865 Sunrise Boulevard, Ste. 103, Rancho Cordova, CA 95742, (916) 344-4825

SuperGen 2000S

A true Y/C (S-VHS, Hi-8, ED-BETA) compatible genlock and overlay card for the A2000 series computers. The SuperGen 2000S installs into the video slot of an A2000 or A2500. A built-in processor amplifier allows software control of horizontal position, vertical position, video color saturation, and 360 degrees of chroma phase. \$1995.00

Digital Creations, 2865 Sunrise Boulevard, Ste. 103, Rancho Cordova, CA 95742, (916) 344-4825

Graphic Arts
Desktop Video
Word Processing
Desktop Publishing
Music
Education
Business & Home Productivity
Programming
Utilities
Entertainment
Miscellaneous Software
Drives
Memory Expansion
Accelerators
Video Hardware
Miscellaneous Hardware
Accessories & Services
Books & Tapes
CDTV
PDS Guide
AMICUS Index
Fred Fish Index
Vendor/Product Registration
AC Back Issue Index
User's Groups
Vendor Information
Product Index by Product
Product Index by Vendor
Category Index
Last Minute Additions

◆ The VT Genlock Enhancer

A VideoMaster accessory. VideoMaster/Video Toaster co-existence on Amiga 2000/2500. \$50.00
VidTech International, Inc., 2822 NW 79th Avenue, Miami, FL 33122, (305) 477-2228

Video Blender

The Video Blender features video switching, luma-keying, genlocking, local color generation in 16 million colors, video fading/wiping, and stereo audio mixing. It is an external, self-contained unit with power supply. It provides black burst out for studio and professional video applications, and provides 'key in' for external chroma-key and special video devices. No time-based correctors required. Video Blender comes with MixMaster software, which provides a paint program and wipe script generator to create simple or advanced wipes with full control of speed, direction, and other wipe parameters. In addition, the package includes interface control software, a power supply, cables, thoroughly illustrated manual with examples, and a VHS tutorial videotape. \$1295.00

Progressive Peripherals & Software, 464 Kalamath St., Denver, CO 80204, (303) 825-4144

VideoMaster

An integrated desktop video system for all Amiga computers. Video Master genlocks the incoming composite (NTSC or PAL) or S-Video to the Amiga graphics. The genlocked video production is produced in all video formats as well as RGB for the best quality graphics. A built-in RGB splitter is included for direct connection to a digitizer including a compatible interface to Digi-View Gold 4.0. A special effect generator is also built in for horizontal, vertical, circle, and inverted wipes - automatically timed or manually controlled. All controls (vertical interval switches, fade bar, wiper bar, and RGB splitter) are front panel fingertip controlled. NTSC or PAL. \$1295.00

VidTech International, Inc., 2822 NW 79th Avenue, Miami, FL 33122, (305) 477-2228

miniGEN

RS-170A, broadcast-quality genlock for all Amigas. Three-position toggle switch for controlling graphic modes. \$249.95

Progressive Peripherals & Software, 464 Kalamath St., Denver, CO 80204, (303) 825-4144

▼ SMPTE ▼

◆ ACS Harlequin 32 Bit FrameBuffer

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Amiga Centre Scotland, 4 Hart Street Lane, Edinburgh, EH1 3RN Scotland, 011-4431-557-4242

TCRG102

Time Code Reader/Generator that does window dubbing. This professional video hardware device assigns and reads individual frame numbers for identification purposes to and from videotape. \$799.95

Microillusions, P.O. Box 3475, Granada Hills, CA 91394, (818) 785-7345

▼ SWITCHERS ▼

◆ VGA-Switch

VGA-switch, 1 monitor between Amiga RGB and VGA PL side. \$115.00

Pre'spect Technics Inc., P.O. Box 670 Station H, Montreal, Quebec, Canada H3G 2M6, (514) 954-1483

▼ TIME BASE CORRECTORS ▼

◆ DPS Personal TBC

Infinite window, full broadcast-quality plug-in TBC card for the Amiga Series 2000, IBM-PC and compatible computers. \$995.00

Digital Processing Systems Inc., 55 Nugget Ave., Unit 10, Scarborough, Ontario, Canada M1S 3L1, (416) 754-8090

◆ DPS-220 TBC/ Synchronizer

Infinite window, broadcast-quality TBC/ Synchronizer with full 6MHz bandwidth in all modes. Field/frame freeze and optional AUTODOC-3-D drop-out compensation. \$3495.00

Digital Processing Systems Inc., 55 Nugget Ave., Unit 10, Scarborough, Ontario, Canada M1S 3L1, (416) 754-8090

◆ DPS-270 Component TBC

Component TBC with composite and Y/C (S-VHS or Hi-8) inputs and outputs. Full proc. amp. control plus transcoding capability. \$2990.00

Digital Processing Systems Inc., 55 Nugget Ave., Unit 10, Scarborough, Ontario, Canada M1S 3L1, (416) 754-8090

◆ IVT-7

The IVT-7 is a 4:2:2 digital processing Time Base Corrector with an infinite correction window. It uses state-of-the-art I.C.s to provide high performance processing at low cost. Its full frame memory enables satellite feeds and domestic type VCRs and camcorders to be input on a single input connector without sync hook up. Features include frame and field freeze, 5.5MHz bandwidth on component, built-in RS-170A sync generator with genlock input and BB output, bypass/operates switch, and switchable Auto-freeze for signal loss.

I-DEN Videotronics Corporation, 9620 Chesapeake Drive, Ste. 204, San Diego, CA 92123, (800) 874-IDEN

◆ The Kitchen Sync

The Kitchen Sync completes your video installation. Completely synchronize not one, but two independent video sources for use with virtually any switcher or digital video effects system requiring synchronous video inputs. Two complete time base correctors on one card that can plug into any IBM AT compatible slot. S-VHS and Hi-8 compatible. Complete 100% accurate sync generator built in: totally regenerates all sync and blanking signals; guaranteed 100% accurate S/CH phase relationships. Optional genlock required to synchronize the Kitchen Sync to any external video source. Great for use with the Video Toaster. \$1895.00

Digital Creations, 2865 Sunrise Boulevard, Ste. 103, Rancho Cordova, CA 95742, (916) 344-4825

▼ VIDEO PRESENTATION SYSTEMS ▼

◆ AdVISION™

Advanced Amiga based advertising channel or electronic billboard system. Includes full Production Station and complete remote Player System, production software, training, and installation. Additional remote Player Systems may be added to create a network of systems playing similar or unique programs. Ideal for cable advertising channel, hotels, ports of call, malls, etc. Under \$20,000.00.

Active Circuits, Inc., 1985 Highway 34 Ste. A-4, Wall, NJ 07719, (201) 974-1616

IllumiLink 2.0

The IllumiLink connects to the second mouse port. It contains an infrared receiver, transmitter, and a phone-tone decoder for a wireless telephone. The phone becomes a remote Amiga mouse/command center for live multimedia presentations. Phone keys may be programmed to activate xy mouse clicks, menu selections, keyboard keys, ARexx scripts, serial port, MIDI, parallel port, or infrared signals. A wireless phone may be used to

control any multitasking program such as the V.Toaster, X-10, AmigaVision, etc. The IllumiLink has all the features of the AirLink too. \$100.00
Geodesic Publications, P. O. Box 956068, Duluth, GA 30136, (404) 822-0566

Video Share

Allows a teacher to display their screen on the monitors of all connected Amigas at the touch of a switch. Transparent to software and hardware will not interfere with normal operation of Amigas. Supports all video modes. Available June, 1991. Price TBA.

Comspec Communications, 74 Wingold Ave., Toronto, Ontario, Canada M6B 1P5, (416) 785-3553

Video Toaster

The Toaster is a broadcast-quality video computer which sits inside the Amiga. It has four VLSI custom chips and its own RAM. It does not use Amiga output, but rather produces its own output. The Toaster will be shipped with a character-generating program, with Toaster Paint (a 24-bit paint program) & Toaster 3D due later this year. The Toaster includes a seven-channel production switcher which will switch between seven stable (i.e., camera or time-base-corrected tape) sources and provide dissolves and wipes. The Toaster is also a broadcast-quality genlock, frame grabber and digitizer. The Toaster is also a DVE (Digital Video Effects) unit with real-time manipulation of live video. Over one hundred pre-programmed effects will come with the first release of the Toaster with more available later. The Toaster also includes dual frame buffers (which will also work with standard 24-bit IFF RGB files such as those produced by Sculpt and Silver). Output from the Toaster is straight, 24-bit, 16-million color, broadcast-quality NTSC. \$1595.00
NewTek, 215 E. 8th St., Topeka, KS 66603, (913) 354-1146

◆ Video Toaster System

The Video Toaster System brings the awesome power to create network quality television to your desktop. Eight separate pieces of expensive video gear have been combined into one complete desktop production system. This all-in-one broadcast studio includes a four input production switcher which has two frame buffers and a color background generator; the power to manipulate live broadcast video in real-time, with digital effects such as flip, warp, whips, zoom trails, mirrors, trajectories, and many more; lightwave 3-D animation, which offers high-end capabilities previously found only in dedicated graphics workstations. Everything from flying logos and sports graphics to the most sophisticated effects seen on MTV. Other features include Toaster Character Generator which has 16.8 million colors, 30 standard anti-aliased fonts, 24-bit smooth color gradations, variable speed scroll and crawl, and much more; ToasterPaint allows you to create original artwork and network quality videographics; Dual frame buffers allow Toaster effects to be done between live video and either buffer, as well as between the buffers themselves; ChromaFX is a powerful color processing engine capable of producing color negatives, monochrome, solarization, posterization, color vignettes, custom lighting, tinting, and photographic filter effects; Frame Grabber/Frame Store can grab and save a full resolution television frame and has sophisticated motion removal algorithms to provide a rock-solid freeze frame. The Toaster System is unique in that new effects and capabilities can be added with inexpensive software updates on disk. \$3995.00
NewTek, 215 E. 8th St., Topeka, KS 66603, (913) 354-1146

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▼ GENERAL HARDWARE ▼

◆ AE Power Supply

A heavy duty 100-watt power supply for the A500. Dual, front-mounted auxiliary and main power switches allow you to separately control an additional peripheral (printer, monitor, etc.). One year warranty.
Applied Engineering, P.O. Box 5100, Carrollton, TX 75011, (214) 241-6060

Amiga External RF Modulator (A520)

Composite/RF (television) adapter. \$49.00
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

◆ Cluster

Modular-oriented compiler. Available June '91. \$295.00
Pulsar, 410 Maple Ave, Westbury, NY 11580, (516) 574-0225

◆ DataFlyer 500 Power Supply

The DataFlyer 500 power supply is a 30-watt switcher supply which will accept all domestic and international input currents. It mounts internally and comes complete with all cables, hardware, and easy-to-follow instructions. \$89.95
Expansion Systems, 44862 Osgood Road, Fremont, CA 94539, (415) 656-2890

Power Supply

Fully compatible replacement power supplies for your A500, C128, or Commodore 64. All power supplies are fully guaranteed against all defects and compatibility. Prices: A500 \$79.95; C128 \$99.95; C64 \$37.95.
Expansion Systems, 44862 Osgood Road, Fremont, CA 94539, (415) 656-2890

▼ BACK UP HARDWARE ▼

150MB Tape Drive

Uses an industry standard 24-track QIC format (CDC 600). This ensures the ability to backup contiguous data up to 150MB. The 3070 Tape Drive is a low profile design which is matched in color and design to the Amiga 3000UX. \$1099.00
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

FileRunner™ Streamer for use with any Amiga

External Streamer Subsystem for use with any Amiga 60MB and 150MB available. Tested with the Amiga 3000.
Pre'spect Technics Inc., P.O. Box 670 Station H, Montreal, Quebec, Canada H3G 2M6, (514) 954-1483

Mr. Backup Professional Kit

Full-featured hard drive backup kit. Includes Wangter SCSI 150 meg tape drive, cartridge cable, software offers full backup modes to tape, four floppy drives or any other AmigaDOS release 2 device. Has full AREXX capability and selectable 12-16-bit compression. \$699.95 internal, \$949.95 external.
TTR Development, Inc., West Towne Office Center, 6701 Seybold Rd. Ste. 220, Madison, WI 53719, (608) 277-8071

Synchro Express

Synchro Express is a powerful disk copier, giving you the facility to back up disks using the MFM/TTL techniques used by commercial duplicators. In most cases, copies in under 50 seconds. \$69.99
Coast To Coast Technologies, 1855 W. S.R. 434 # 208, Longwood, FL 32750, (407) 767-0779

▼ BRIDGEBOARD ▼

A-Max II

Now handles most major Amiga hard drive controllers to give full hard drive support during Macintosh emulation with both Amiga and Mac hard drives. A-Max II also supports other standard SCSI devices, such as the LaserWriter IISC and scanners, through compatible Amiga hard drive controllers. Other new features include improved handling of Amiga accelerator boards with MMUs to give increases of up to five times normal speed, and the ability to play Macintosh digitized sounds during emulation. \$199.95
ReadySoft, Inc., 30 Wertheim Court, Unit 2, Richmond Hill, Ontario, Canada L4B 1B9, (416) 731-4175

A-Max II Plus

A-MAX II Plus is an Amiga 2000/3000 internal card that provides Macintosh compatibility plus

Appletalk network compatibility, two Macintosh serial ports, MIDI compatibility and the ability to read, write, and format Macintosh disks on standard Amiga disk drives. You supply 128k ROMS.

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A2088D Bridgeboard

Provides 8088 coprocessor system with IBM™ PC/XT compatibility to bridge the Amiga and MS-DOS worlds. Plug into one of the combined Amiga and PC system bus slots to run IBM PC-compatible software while running Amiga tasks. Comes with external 5.25 inch drive. Up to 3 external floppy drives; 3 IBM-compatible full-size slots available for hard disk controller, communication adapter, and graphics adapter. Software: MS-DOS®, GW BASIC® 3.2. Fast dual port memory, full speed CPU access during system DMA. \$499.00

Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

A2286

Bridge the Amiga and MS-DOS worlds. AT Emulator kit comes with internal 1.2MB 5.25 inch disk drive. \$799.00

Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

Bridge Drive Commander+

Gives all Bridgeboard owners direct access to all built-in and add-on Amiga floppy drives from the bridgeboard (as 720K drives), and direct access to 360K and 720K IBM-compatible drives from AmigaDOS. Bridgeboards can boot from 3.5-inch Amiga drives. Requires no software or memory, and attaches to the internal floppy drive connector rather than taking up a slot. Disk access is fully transparent and automatic. Floppies are completely usable by other Amiga and IBM-compatible computers. Allows low-cost IBM drives to be used as Amiga external drives. DF1 can be made external. Compatible with all software, hard disks, accelerator boards, etc. \$97.50
MJ Systems, 1222 Brookwood Road Dept. 10A, Madison, WI 53711-3118, (800) 448-4564
please see display ad page 56

Bridgeboard Speaker Kit

A low-cost, simple solution that enables the PC Emulator to speak. The Bridgeboard Speaker Kit comes complete with pre-assembled hardware, easy-to-follow, do-it-yourself installation instructions, and a full one-year warranty. \$24.95
Computers, Etc., 4521-A Bee Ridge Road, Sarasota, FL 33583, (813) 377-1121

◆ CSA's 40/4 Magnum

CSA unleashes the ultimate One-board solution for your Amiga 2000. Motorola 68040 co-processor slot board offers more than just incredible performance; a high-speed SCSI interface, 32MB of 32-Bit RAM, parallel and serial ports as well as connectivity with other Amigas. Contact CSA for more details.
CSA/Computer System Assoc., 7564 Trade St., San Diego, CA 92121, (619) 566-3911

Display Enhancer Board (A2320)

De-Interlacing and Scan-Doubling Video Display Board providing non-interlaced video for display on multiscanning monitor. \$299.00
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

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Last Minute Additions

Janus 2.0

Software upgrade for the Amiga XT and AT bridgeboards. \$34.95
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

PC-Elevator 386

Provides 80386-powered PC compatibility to any Amiga with a Commodore Bridgeport, delivering 12 times the speed of Bridgeboard alone. Installs by plugging into a PC-type expansion slot. Includes 1 MB of high speed zero wait state DRAM, as well as RAM disk and disk cache software. The flexible Memory Management utility allows you to use all the memory already in your system, including Bridgeboard memory. \$1795.00
Applied Reasoning Corp., 86A Sherman St., Cambridge, MA 02140, (617) 492-0700

◆ vortex ATonce-Amiga v1.27

ATonce gives your Amiga a complete AT emulation, that includes an AT compatible BIOS, emulation of the parallel and serial ports, sound, color graphics, and hard disk support, yet while running as a task within AmigaDOS. ATonce is compact and easy to fit. It plugs directly into the Amiga's 68000 CPU socket and no soldering is required. Each ATonce is supplied with a high quality low power Motorola 68000 CPU, saving you time with the installation, providing a high degree of reliability, and leaving the original as a spare. ATonce does not affect the normal operation of your Amiga and is totally transparent when not in use.

vortex Computersysteme, FalterstraBe 51-53, D-7101 Flein bei Heilbronn, Germany, (011) 49-713-159-720

◆ vortex plug-in adapter for A2000

vortex ATonce-Amiga, an 80286 AT-emulator can now develop its full performance in the A2000. The plug-in-adapter for the A2000 guarantees—in combination with vortex ATonce-Amiga—the connection to the business world of DOS. It supports hard disks, floppies, and internal and external RAM expansions. ATonce-Amiga is plugged into the adapter card, and the adapter plugs into one of the Amiga slots.
vortex Computersysteme, FalterstraBe 51-53, D-7101 Flein bei Heilbronn, Germany, (011) 49-713-159-720

▼ CABLES ▼

◆ 25-50 SCSI Cable

A 25-pin to 50-pin shielded round cable. Highest quality. Either length, three or six feet, same price. \$25.95
M.A.S.T. Memory and Storage Technology, Inc., 1395 Greg Street, Sparks, NV 89431, (702) 359-0444

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6004-23

Switch Box, 2 position, D-23 connectors. Specify gender when ordering. \$30.00
Benetech Electronic Supply, 1655 'B' Hickory Dr., Haltom City, TX 76117, (817) 831-8700
please see display ad page 117

CA-23-MF/3

Three-foot extension cable D-23 male/female. \$16.00
Benetech Electronic Supply, 1655 'B' Hickory Dr., Haltom City, TX 76117, (817) 831-8700
please see display ad page 117

CA-23-MF/6

Six-foot extension cable D-23 male/female. \$18.50
Benetech Electronic Supply, 1655 'B' Hickory Dr., Haltom City, TX 76117, (817) 831-8700
please see display ad page 117

CA-4920 SCSI 2 Drive

SCSI, 50-pin flat ribbon, daisy chain. \$9.00
Benetech Electronic Supply, 1655 'B' Hickory Dr., Haltom City, TX 76117, (817) 831-8700
please see display ad page 117

D-23P

23-pin connector, solder type. Male. \$1.50
Benetech Electronic Supply, 1655 'B' Hickory Dr., Haltom City, TX 76117, (817) 831-8700
please see display ad page 117

D-23S

23-pin connector, solder type. Female. \$1.70
Benetech Electronic Supply, 1655 'B' Hickory Dr., Haltom City, TX 76117, (817) 831-8700
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◆ DataFlyer SCSI Pass Through

Cable and DB25 connector to extend the SCSI pass through to the back of the DataFlyer 500 or the A2000 case. Plugs onto the DataFlyer interface. \$23.95
Expansion Systems, 44862 Osgood Road, Fremont, CA 94539, (415) 656-2890

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Software Sensations, P.O. Box 2414, Beverly Hills, CA 90213, (213) 277-8272

Standard SCSI Cable- CA-4910

SCSI, 50-pin, flat ribbon cable. \$7.50
Benetech Electronic Supply, 1655 'B' Hickory Dr., Haltom City, TX 76117, (817) 831-8700
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▼ CHIPS ▼

68020-33

The 33 MHz 68020 for accelerator boards. Slower speeds are available at lower prices. \$80.00
Krueger Company, The, 1544 West Mineral Road, Tempe, AZ 85283, (602) 820-5330

68030-16

The 16 MHz 68030 for accelerator boards. Other microprocessors and support chips also are available. \$45.00
Krueger Company, The, 1544 West Mineral Road, Tempe, AZ 85283, (602) 820-5330

DRAMs and Video RAMs

Refurbished 1 meg x 1, 256K x 4, 256K x 1, 64K x 4, and 64K x 1 DRAMs and Video RAMs are available in DIP, ZIP, and surface mount packages at a fraction of new prices. All parts are guaranteed. Price and availability may change daily so call with your memory expansion requirements.
Krueger Company, The, 1544 West Mineral Road, Tempe, AZ 85283, (602) 820-5330

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Refurbished Static RAMs and Pseudostatic RAMs are available in DIP and surface mount packages at a fraction of new prices. All parts are guaranteed. The 128K x 8 (1MB) Pseudostatic RAMs in flat packs can be obtained for \$4.00. \$4.00
Krueger Company, The, 1544 West Mineral Road, Tempe, AZ 85283, (602) 820-5330

▼ CLOCKS ▼

MouseTime for A1000

Battery-backed mouse port clock passes the port through for joysticks and other devices. Uses low-cost AAA batteries. Batteries last 18 to 24 months. \$39.95
MicroBotics, Inc., 1251 American Parkway, Richardson, TX 75081, (214) 437-5330

◆ Timemaster 500

For the new Amiga 500 Professional with 1MB built in, the Timemaster 500 is a clock/calendar card. An easy way to add clock functions to your files, it quickly attaches to the A500-P's expansion slot. Your files are then automatically time and date stamped for easy reference.
Applied Engineering, P.O. Box 5100, Carrollton, TX 75011, (214) 241-6060

▼ COMPUTER SYSTEMS ▼

A2000 Amiga

Features Motorola 68000; 16/32-bit; 1 MB RAM standard (internally expandable up to 8 MB); 256 KB ROM (includes Kickstart 1.3). 1-slot Amiga CPU bus; 5-slot Amiga system bus with autoconfig feature; 3-slot PC bus; 1 video slot. Keyboard with 10 function keys; two-button mouse. Built-in 3.5 inch disk drive (880 KB formatted); mounting locations for optional 3.5 inch drive; 5.25 inch disk drive. Video: 400 lines vertical frequency 60 Hz B&W NTSC output; analog RGB out; 4 independent sound channels; built-in English text-to-speech device, much more. \$1599.00
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

A2000HD Amiga

Same as the A2000 but with a built-in 50MB hard drive. \$1999.00
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

A3000 Amiga 16/50, 25/50, 25/100

High-speed Motorola 68030 microprocessor running at either 16 or 25 MHz, 32-bit data bus, 68881 or 68882 math coprocessor, built-in disk drive, 94-key keyboard, mouse, and system software (back-up disks included). Standard 2MB RAM (1MB RAM, 1MB fast RAM) expandable to 18MB on the motherboard (over 1 GigaByte address space). 50MB, 19 millisecond hard disk with hard disk back-up, and maintenance software (100 MB hard drive model available). AmigaDOS 2.0 Multitasking Operating System. 4096 available colors with built-in display enhancer for NTSC compatibility interlaced or flicker-free de-interlaced video; user-definable resolutions including 320 x 200, 640 x 480, 768 x 480, and 1280 x 400. four-voice two channel stereo sound output with built-in speech synthesis. Expansion slots: four Zorro III expansion slots, two PC AT™ expansion slots, one video expansion slot, one CPU/CACHE memory expansion slot. Built-in clock-calendar function with battery back up. A3000-16/50 \$2999.00; A3000-25/50 \$3499.00; A3000-25/100 \$4699.00.

Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

Amiga 2000HD/P

A 1MB RAM CPU with 3.5-inch floppy drive, 50MB hard drive, keyboard, mouse, serial and parallel ports, and pre-installed software including Advantage, Transwrite, Pagesetter II, Goldfile, Paint 2000, Music 2000, and CROSSDOS. AmigaVision and instructional video included. \$1999.00
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Amiga 2500/50

Runs at 25MHz with 4MB of 32-bit RAM and features a 25MHz 68882 math coprocessor, a 68851 memory management unit, 1MB of 16-bit chip RAM; a built-in 880K 3.5-inch floppy disk drive;

a pre-configured, high performance 50MB hard disk drive and autobooting SCSI hard disk controller; custom sound, animation and graphics chips; RS232 serial and parallel connectors; and two RCA-type audio output jacks. Special features that give users an unparalleled flexibility advantage are two optional Bridgeboards allowing the A2500/30 to run both MS-DOS® hardware and software. Amiga A2000 family owners can upgrade their existing machines by purchasing a 2630 card from an authorized dealer. Includes AmigaVision. Amiga 2500/100 is available for \$4449.00, and has 100MB hard disk drive. \$3799.00
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

Amiga 3000UXB

One-3.5FD, 5MB RAM, 100MB hard drive, mouse, keyboard, two mouse ports, serial and parallel ports, SCSI Interface, 15.75 and 31.5 KHz video ports (built-in de-interlacer), 68882 math coprocessor, AmigaDOS, UNIX system V release 4, X Window System, and Open Look graphical user interface. \$5499.00
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

Amiga 3000UXD

One-3.5FD, 9MB RAM, 200MB hard drive, mouse, keyboard, two mouse ports, serial and parallel ports, SCSI interface, 15.75 and 31.5 KHz video ports (built-in de-interlacer), 68882 math coprocessor, AmigaDOS, UNIX System V release 4, X Window System, and Open Look graphical user interface. \$6999.00
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

Amiga 500 Deluxe

A 512K RAM CPU with 3.5-inch floppy drive, keyboard, mouse, serial and parallel ports, A501 memory upgrade, TV adapter, and software: KindWords, MaxiPlan, Infofile, FusionPaint, Deluxe Music Construction Set, Ports of Call, and Zany Golf. \$699.00
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

Amiga 500 Discovery

A 512K RAM CPU with 3.5-inch floppy drive, keyboard, mouse, serial and parallel ports, TV adapter, and software: KindWords, DeluxePaint II, Ports of Call, and Where in the World is Carmen Sandiego? \$599.00
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

Amiga 500 Professional

1MB RAM CPU with 3.5-inch floppy drive, keyboard, mouse, serial and parallel ports, Appetizer Software, AmigaBASIC, AmigaDOS, and AmigaVision. \$799.00
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Amiga 500 Starter

A 512K RAM CPU with 3.5-inch floppy drive, keyboard, mouse, joystick, serial and parallel ports, and the following software packages: KindWords, FusionPaint, Indiana Jones and the Last Crusade, F40 Pursuit, and F/A-18 Interceptor. \$599.00
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

Amiga 500C

512K RAM CPU with 3.5-inch floppy drive, keyboard, mouse, serial and parallel ports, and TV adapter. Software includes Tetris, Textcraft Plus, and Where in the World is Carmen Sandiego? \$599.00
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

◆ CDTV

Commodore Dynamic Total Vision combines audio, video, graphics, and text. Its small black appearance is designed to enhance any home entertainment environment. While it is able to

play standard audio compact discs at 8X oversampling rate, CDTV is also equipped to run Amiga programs from CD's. Each CD has a computer data capacity of 550MB (or the equivalent of over 700 Amiga floppy disks). Although upgradeable, CDTV is designed as a tool for information and entertainment, not as a computer. The player is controlled by a specially designed Amiga motherboard with five additional custom chips. It contains 1MB of RAM, 512K ROM, slots for an optional video card and a DMA card, as well as an external port for RS-232 devices, an external drive, two audio ports, MIDI In/Out, stereo headphone jack, and a personal RAM card. An optional keyboard can be used as an IR device or hardwired into the unit. Additional optional peripherals include an external floppy drive, trackball, joystick, MIDI In/Out (through a third party), Genlock, an expansion module, a keyboard IR interface, modem, and printer. \$999.00
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

◆ Computer Imaging Systems

Advanced Image supplies complete computer imaging system for sales presentations in the construction industry, real estate sales, land scaping, etc. The system includes image scanning, 24-bit color processing, hard copy, and video output. \$48,000 to \$22,000.
Advanced Image, 2 Townsend Road Rt. 13 S, Brookline, NH 03033, (603) 673-0212

▼ EDUCATION ▼

Amiga Video Microscope System

Special microscope/interface plugs into genlock to be used with titling or paint software to enhance presentations in science classroom. Comes with classroom activities. Call for information.
Mr. Horan's Computer Lab, 12338 Shelbyville Road, Louisville, KY 40243, (800) 274-8446

▼ ENTERTAINMENT ▼

4-Player Adaptor Cable

Connects up to four joysticks at one time. You can play two players against two, or field a team of up to three against the computer. To be used with MicroDeal's International Soccer, Leatherneck, and other future games. \$14.95
MichTron, 3201 Drummond Plaza, Newark, DE 19711, (302) 454-7946

Actionware Light Phaser

The first light gun for the home computer entertainment market. Designed to work with such action-packed games as Capone, P.O.W., Creature, and more. More light gun games are under development. \$49.95
Actionware, 38 W. 255 Deerpath Rd., Batavia, IL 60510, (800) 848-2333

Dual Gun Adapter

The Dual Gun Adapter is designed specifically for Actionware games which use the Actionware Light Gun. By using the Adapter the player can use two guns at once or allow a partner to join in the fun. For A500 and A2000 only. \$39.95
Actionware, 38 W. 255 Deerpath Rd., Batavia, IL 60510, (800) 848-2333

▼ ENTERTAINMENT/JOYSTICKS ▼

Ergostick

A soft, pliable, ergonomically engineered joystick that comfortably fits your hand. State-of-the-art microswitches, super sensitive touch control. \$24.99
Suncom, 6400 W. Gross Point Road, Niles, IL 60648, (708) 647-4040

Gravis Switch Joystick

The Gravis Switch Joystick advances the 'art' of joystick control with a full-sized, foam-padded, pistol-grip handle, and adjustable handle ten-

sion. Turbo-fire is a new feature on each of the three buttons, providing even faster response and a greater degree of control. The joystick is durable and versatile enough to handle today's wide range of software from the precision & control required for flight & driving simulations to the frantic and hard-hitting pace involved with action-packed, arcade-type software. Another new feature is the automatic trigger point adjustment of the tension wheel. The reaction time is faster for arcade-type games, and control is greater for the simulation software. The Gravis Switch Joystick carries a one-year, no-nonsense warranty promising dependable, long-lasting, hassle free use. \$49.95
Advanced Gravis Computer Technology Ltd., 7033 Antrim Ave., Burnaby BC, Canada C5J 4M5, (604) 434-7274

Hot Stuff

Choosing the color may be your toughest decision with Hot Stuff, a highly interactive joystick that will improve the precision of your play as well as your scores. Grab hold of the Pistol-Grip and fire away. The handle is topped off with two trigger buttons with a second set of fire buttons located on the base. Hot Stuff sports an auto-fire switch as well as four super suction feet on its base. Available in pink, blue, green, or yellow. \$10.99
Beeshu, Inc., 930 Carter Rd., Winter Garden, FL 34787, (407) 877-2100

Powerplayers Joystick

Trigger-style joystick that allows easy maneuverability and rapid firepower. \$29.95
Mindscape, A Software Toolworks company, 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

◆ Spinner Model #90104

Now you can have fingertip control for precise and instant response. With the Spinner you'll get more sensitivity than with any other type of cursor. There is no extra power source required. The Spinner features a three button design and sports a revolutionary 4th 'drag' button to 'lock' for continuous drawing/operation. With the Spinner you have a resolution of 200 dpi, and a tracking speed to 500mm/s. The Spinner also comes with its own simulated leather dust cover so you can cover it up when you're done. \$99.95
Beeshu, Inc., 930 Carter Rd., Winter Garden, FL 34787, (407) 877-2100

◆ Stik-Gripper™

Stik-Gripper™ is a solid steel joystick clamp which you can clamp to your table and place your joystick in! This handy device allows rugged, one-handed play just like in the arcades! It is adjustable to fit any joystick up to 4 5/8 inches wide including Wico, Kraft, Suncom, and more! This device will definitely improve your scores on those fast-moving, hard-driving games! A must for the true gamer! \$9.99
Duggan DeZign Inc., 300 Quaker Lane Ste. 7, West Warwick, RI 02886, (401) 823-8073

Stik-Gripper™ T.C.S.

Stik-Gripper T.C.S.™ (Total Control Stand) is a patented joystick holding stand which secures your joystick front and center for one-handed arcade type action! It is a rugged, three-piece plastic stand which you place on your chair and straddle with your legs. Any joystick (including Gravis and The Flight Stick) will easily mount or dismount from it through the Velcro pads provided. It will put you in the cockpit with flight simulators as it allows you to use your keyboard and joystick at the same time! \$19.99
Duggan DeZign Inc., 300 Quaker Lane Ste. 7, West Warwick, RI 02886, (401) 823-8073

◆ T4 Trackball

For use with Amiga 500, 1000, or 2000. C1352 compatible. \$59.95
Winner Products USA Inc., 821 S. Lemon Ave., Ste. A-9, Walnut, CA 91789, (714) 595-2490

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Tac-30

A competition grade joystick featuring fixed auto-fire and three fire buttons for speed, comfort, and better reaction time. Has silent microswitches and precision, aircraft-style grip. \$16.99
Suncom, 6400 W. Gross Point Road, Niles, IL 60648, (708) 647-4040

Tac-50

A competition grade joystick featuring variable auto-fire and 4 fire buttons for speed. Has digital microswitches array technology, providing tactile and audible feedback. Includes trigger fire grip for precise control. Lifetime warranty. \$19.99
Suncom, 6400 W. Gross Point Road, Niles, IL 60648, (708) 647-4040

The MouseStick Controller

Supports two-way communication through the ADB port, and has a full cdev (control panel device). The cdev allows the user to save custom settings for the MouseStick by application. The MouseStick consists of two components: an optomechanical joystick with 1200 count resolution, coupled with a separate controller unit called the GMPU. The improvements in the new MouseStick are contained in a new ROM chip, meaning that owners of the earlier version of the MouseStick can easily upgrade (free of charge) simply by replacing their existing chip. \$129.95
Advanced Gravis Computer Technology Ltd., 7033 Antrim Ave., Burnaby BC, Canada C5J 4M5, (604) 434-7274

◆ UFO CC 1000

A wired joystick for use with Amiga or Atari. \$16.95
Winner Products USA Inc., 821 S. Lemon Ave., Ste. A-9, Walnut, CA 91789, (714) 595-2490

◆ UFO RC 1000

A remote joystick for use with Amigas or Atari. \$34.95
Winner Products USA Inc., 821 S. Lemon Ave., Ste. A-9, Walnut, CA 91789, (714) 595-2490

Ultimate Superstick

The Ultimate Superstick is an arcade-style controller that features eight directional microswitch controls and two independent Dial-A-Speed autofires—permitting as many as 30 shoots per second! The Ultimate also comes with two sets of fire/jump buttons, each with its own operating LED, making it versatile for left- and right-handed players. The Ultimate has five suction cups allowing it to be mounted firmly on any smooth surface, and comes with a 10-foot cord allowing the gamer to play from a greater distance. \$39.95
Beeshu, Inc., 930 Carter Rd., Winter Garden, FL 34787, (407) 877-2100

◆ Zoomer (Analog/Digital) #90806

Introducing the Zoomer-A hot console with analog 360 degree rotational control. Zoomer was designed to improve scores in every type of playing situation. Cycles, 4-wheelers, racing games, and air combat games. The Zoomer features advanced technology. Turn the wheel left or right and pull up or down. With fire buttons built into the handle, action has never been more realistic. A six-foot cord and four super strong suction feet allow for easy mounting on any smooth surface. Analog/digital switchable. Product measures approximately 11-inch H x 11-inch W x 7.5-inch D. \$89.95
Beeshu, Inc., 930 Carter Rd., Winter Garden, FL 34787, (407) 877-2100

Zoomer™ #40406

Zoomer™ is a console-type controller that was designed to improve scores in every type of playing situation: cycles, 4-wheelers, racing games, and air combat games. The wheel can be turned right or left and can be tilted up or down, with 2 Dial-A-Speed auto-fire buttons built into the handle. A 10-foot cord and four super strong suction feet allow for easy mounting on any smooth surface. \$49.95
Beeshu, Inc., 930 Carter Rd., Winter Garden, FL 34787, (407) 877-2100

▼ EXPERIMENTAL HARDWARE ▼

Link-Interface

Auto-config and can be used together with other transporter boards. Designed to also be used as an experiment board. There is even an auto-config chip-select provided for your own circuitry. Compatible with the INMOS B004 development board. Includes AFSERVER software. 399 Duetschmarks
Advanced Computer Design, Carl Schurz-Str.11, D-2800 Bremen 1, West Germany, 011-49-421-349-9517

MAX—125™ Autoboot Interface Adapter

For developers and experimenters wanting to integrate IBM compatible I/O device boards to the Commodore Amiga line of computers, we have a developers' versions of the MAX-125 board available that includes two 8K by 8 or two 32K by 8 (16K used) static ram chips and a ram upload utility. This allows you to develop and test drive code that will later be put into EPROM. The MAX-125 autoconfigures to a 64K block of Amiga I/O space of which typically 32K is available for I/O device mapping and 32K for code. Up to seven non-DMA, programmed I/O and/or memory mapped, 8 bit XT and/or 16 bit AT boards can be supported. Please call for configuration pricing information.
Palomax, Inc., 424 Moreboro Road, Hatboro, PA 19040, (215) 672-6815

NES, Inc. AM-200A

Amiga 2000/2500 Prototyping Board
 Prototyping board for use with the A500 or A1000. Same specs as AM-200A Prototyping board. \$49.95
N.E.S. Corp., 4660 SW Flower Place, Portland, OR 97221, (503) 246-9311

NES, Inc. AM-200B Amiga 2000 Coprocessor/Video Slot Prototyping Board
 Prototyping board for use in the A2000 video slot. \$79.95
N.E.S. Corp., 4660 SW Flower Place, Portland, OR 97221, (503) 246-9311

Parallel Port I/O Board

Simple I/O board providing eight logic inputs and 16 logic outputs, eight channels of A/D conversion, seven relay driver interfaces and prototyping space. Includes test/demo program and standard library for easy access from C, M2, etc. AUS \$160.
Phoenix Microtechnologies Pty. Ltd., 18 Hampton Road, Keswick, South Australia 5035, 011-61-8-293-8752

Zorro II-III Prototyping Board

Prototype board for the A2000 and A3000. Allows developers, engineers, and dedicated hobbyists to build, test, and debug custom hardware before developing a custom printed circuit board. Two-sided board designed for maximum flexibility has over 4400 plated through holes on a 0.1 grid. Main prototyping area accepts IC's in DIP packages with as many as 64 pins and IC's in PGA packages as large as 14 x 14 pins. I/O connector pattern and mounting bracket designed for D connectors with up to 25 pins. \$49.95
Celestial Systems, 1116-A 8th Street Ste. 165, Manhattan Beach, CA 90266, (213) 640-7734

▼ FAX-SSTV ▼

Amiga Video Terminal (AVT) System

The AVT system utilizes the graphics capabilities of the Amiga to transmit and receive high-resolution facsimile and slow-scan television images. Received images can be printed on any Amiga printer or saved on a disk file. A unique capability of the AVT mode is the 400 Hz bandwidths, instead of the conventional 1100 or 1200 Hz SSTV bandwidths. If used in conjunction with a CW filter and IF shift, this drastically improves the signal-to-noise ratio, enabling clearer reception of weak signals. Further, all video information is

crystal-locked at both the transmitting and receiving stations at the start of each frame, eliminating misalignment. Another unique feature of the AVT system is its ability to send high-speed color images over the one lines to similarly-equipped AVT system stations. There's also telephone ring detector and auto answering. \$299.95

Advanced Electronic Applications, Inc., P.O. Box C2160, 2006-196th S.W., Lynnwood, WA 98036-0918, (206) 775-7373

◆ ClickFAX

ClickFAX supports both sending and receiving fax documents at 9600 baud. It provides standard telecomm modem capabilities, at speeds of 300, 1200, and 2400 baud with MNP level three, four, and five support. ClickFAX has three complete user interfaces. You can utilize all of the system's features from the WorkBench using the mouse, from your CLI or Shell using simple typed commands, or via ARexx from any application, script, or macro. It can read ASCII text files, IFF graphics files, and pre-compressed 'fax' files created by itself or the AE 'SendFAX.' The system consists of an attractive external modem, cable, and support software. \$449.95

Black Belt Systems, 398 Johnson Road, RR-1 Box 4272, Glasgow, MT 59230, (800) TK-AMIGA please see display ad back cover

▼ GRAPHICS HARDWARE ▼

◆ ACS Harlequin 32 Bit FrameBuffer

The ACS Harlequin 32 bit framebuffer provides broadcast quality RGB output. All models offer 3 resolutions-740x486, 832x486 and 910x486 (NTSC) and both interlace and non-interlace. Four models are available providing options for double-buffering, Alpha channel for linear keying plus digital key output. Software supplied includes full programming interface plus package to load images from all Amiga sources.
Amiga Centre Scotland, 4 Hart Street Lane, Edinburgh, EH1 3RN Scotland, 011-4431-557-4242

◆ ColorBurst

24-bit Color Card for All Amigas

Now every Amiga model can have 16.8 million colors with quality equal to that of a MAC, but with many additional features. ColorBurst is not HAM or YC mixing, but true 24-bit pure RGB output. There is no blurring or loss of definition with ColoBurst. External device which plugs into monitor port. Greater than broadcast quality. A resolution of 780 x 580 pixels supports full overscan. RGB Dynamic White Balance Correction capability. Two hardware playfields and two Amiga hardware playfields for a total of four playfields. Pixel by pixel transparency can be set for truly spectacular special effects. Real time image processing. A 24-bit paint package included. Loads IFF files from DPaint III, etc. Loaders for DigiView, etc. Can be written to by Blitter for hi-speed graphics manipulation. Stores up to 4 x 16 million color frames at once and does real time animation on 4096 colors out of 16 million palette. Real time horizontal and vertical scrolling. Genlockable. It has 1.5 megabytes chip RAM and own processor chip. \$499.00

M.A.S.T. Memory and Storage Technology, Inc., 1395 Greg Street, Sparks, NV 89431, (702) 359-0444

◆ DMI010

The 1024 x 800 eight plane system utilizes the full 16 million color palette with 256 active colors, and over 800,000 pixels for your use. The DMI010 system has available a Memory Buffer Option that can be utilized to increase resolution up to 1280 x 1024 or provide even faster screen display at 1024 x 800 resolution.

Digital Micronics, Inc., 5674-P El Camino Real, Carlsbad, CA 92008-7130, (619) 931-8554

◆ DMI020

The 1280 x 1024 24 plane system makes available the full 16+ million color spectrum, and over 1,300,000 pixels. The Memory Buffer Option for the DMI020 doubles the amount of available vram providing for faster screen displays. Three to five times more addressable data. Programmable control up to its maximum resolution.
Digital Micronics, Inc., 5674-P El Camino Real, Carlsbad, CA 92008-7130, (619) 931-8554

X-Specs 3-D

Through these advanced high-speed liquid crystals, your computer can now independently control what each eye sees. The result: stereo vision. Add new depth to presentations, CAD/CAM, and molecular or solids modeling. Play games with more realism than ever imaginable. Includes hardware and software; plugs into joystick port. IFF compatible with most graphics applications. \$124.95
Haitex Resources, P.O. Box 20609, Charleston, SC 29413-0609, (803) 881-7518

▼ HOME SECURITY HARDWARE ▼

Intruder Alert

Allows your computer to become a monitoring, logging, or security system for your home or business. The system comes complete with everything you need for remote sensing, including detector switches and wire. Intruder Alert/Monitor software allows for digitized audio alarms, speech synthesis, modem interaction, date and time stamping of events, external program launching, and utility support for BSR/X-10 controlling. \$159.95

Software Terminal, P.O. Box 123225, Fort Worth, TX 76121, (817) 737-3297

▼ INPUT DEVICES/GRAPHIC TABLETS ▼

AProDRAW® 9 x 6 inch

Graphics Tablet Package
AProDraw® graphics tablets feature high resolution Summagraphics digitizing tablets with a two-button stylus, four-button puck and a multi-tasking driver for the Amiga. Additional program allows user to scale the tablet or screen while working to enlarge or reduce a picture. Interfaces through the serial port. Active area is 9 x 6 inches. AProDraw® 12 x 12 Inch Graphics Tablet is available for \$599.00. AProDraw® 18 x 12 Inch Graphics Tablet is available for \$999.00. \$499.00

R & D L Productions, Inc., 40 Liss Rd., Wappingers Falls, NY 12590-1609, (914) 298-8968

◆ Amiga Wiz

A compact digitizing tablet and mouse replacement with 7.5-inch by 7.5-inch active area and 1000 lines per inch resolution. Wiz hardware by Calcomp comes standard with 2 button pen and 5 year Calcomp warranty. Tri-Media Wiz software includes an Amiga-integrated control program for all Wiz options. Features include tablet & pointer selection, an easy to use scaling mode for tracing, absolute (tracing) or relative (mouse) mode. 6 button cursor optional. \$249.00
Tri-Media, 60 East Hintz Rd., Wheeling, IL 60090

◆ Amiga Wiz 6-Button Cursor

A mouse-style 6 button cursor with cross-hairs for high accuracy tracing and general pointing use. Tri-Media software included with Amiga Wiz allows assignment of button functions. Extra buttons can be assigned keyboard commands. \$75.00
Tri-Media, 60 East Hintz Rd., Wheeling, IL 60090

IS/ONE

A total input tablet for the Amiga with interface kit and programmable menu-strip featuring five Program softkeys and up to 23 function softkeys to execute batches of your pre-programmed key-strokes with one touch. Allows instant switching from application to drawing to menu picking. Available with corded cursor, cordless pen or cursor, two switch pen, or with corded 12-button cursor. Tablet sizes: 8.5 x 11, 12 x 12, 12 x 17. Also includes IS/PENCRAFT software driver. When ordering, specify Amiga Interface Kit. \$525.00-\$995.00

Kurta, 3007 East Chambers, Phoenix, AZ 85040, (602) 276-5533

IS/PENMOUSE

Comes with 6x9 tablet with interface kit. Available with cordless pen or cordless cursor. Features Kurta's dynamic scaling to miniaturize/maximize the active area. When ordering, specify Amiga Interface Kit. \$395.00

Kurta, 3007 East Chambers, Phoenix, AZ 85040, (602) 276-5533

◆ Maxi-Sketch Drawing Tablet

12 by 12 inch size is ideal for all graphics applications, such as CAD, 3-D modeling and painting. Each tablet includes a power supply, both a 4-button cursor and pen-stylus, serial interface cable, and a DigiSmooth ROM-module. Two different versions are available: an internal ROM module for the Amiga 2000 series, and an external bus module for the Amiga 500. The Maxi-Sketch is compatible with all Amiga software which recognizes a mouse. In fact, you can use your Maxi-Sketch and a mouse at the same time. Operates in three different modes: Delta, Absolute and Scaled. User-Controllable resolution and data rate settings. Tablet settings are modifiable at any time at the touch of a function key. \$499.95

Centaur Software, Inc., P.O. Box 4400, Redondo Beach, CA 90278, (213) 542-2226

SketchMaster 12 x 12

SketchMaster graphics tablets are ideal for animation, tracing, and design. The tablet is compatible with any Amiga model and all mouse-driven software. SketchMaster features 1000 lines per inch resolution, half-inch lock-height, comprehensive software drivers for Amiga and IBM, and a protective clear overlay. SketchMaster is the only Amiga graphics tablet that does not require a power supply (interfaces through serial port). System includes a high performance tablet, two-button stylus, four-button cursor, interface cable, 9 to 25 pin adapter, tablet software driver, and manual. SketchMaster is backed by a five-year limited warranty. Active area is 11.7 x 11.7 inches. 12 x 18 inch version \$699.00. \$449.00
Dakota Corporation, 135 Lafayette Rd., North Hampton, NH 03862, (800) 325-6825

▼ INPUT DEVICES/KEYBOARDS ▼

Freedom 500

The Freedom 500 for the A500 gives your freedom of movement, and because the face plate can be used as a copy holder, an A500 with a Freedom 500 gives you some desk space back. The Freedom 500's detachable keyboard is a kit that uses the A500's own built-in keyboard. Features include all metal construction, light weight metal that won't rust, rubber feet that won't scratch furniture, and precision crafted, hand-inspected high quality. Also, the Freedom 500 is colored and textured to match the A500, and requires no soldering or drilling to install. \$115.00
Lightning Bolt Computers, 1737 Waltham Drive, Ann Arbor, MI 48103, (313) 769-5670

◆ The KB Talker

An interface device which allows an AT-type keyboard to be connected to an Amiga computer (A1000 or A2000). It also allows the attachment of an A2000 keyboard to an A1000. Transparent to the user. \$64.95

Co-Tronics Engineering, P.O. Box 1231, St. Louis, MO 63074, (314) 429-2644

▼ INPUT DEVICES/LIGHT PENS ▼

The Amiga Light Pen

Two-button touch switch pen with transparent driver. Allows user to choose pen, mouse, or both for hi-res precision graphics. Operates in both interlace and non-interlace modes. When used with graphics programs, the Light Pen gives data entry the simplicity of paper and pencil for drawing, painting, and free-hand sketching on the computer as well as the precision required for CAD. \$129.95

Inkwell Systems, 1050 R-Pioneer Way, El Cajon, CA 92020-1943, (619) 440-7666

▼ INPUT DEVICES/MOUSES ▼

Amiga Mouse

Compatible with all Amigas. \$74.95
Bethesda Softworks, 15235 Shady Grove Road, Suite 100, Rockville, MD 20850, (301) 926-8300

Amiga/MouseStick

The Gravis MouseStick is an optomechanical mouse/joystick combination. With 1200 lines of resolution, and a 16K ROM processing unit, and it is a premium games device. The Mousestick editing program gives you complete control over response, speed, fire rate, and many other functions. It even provides that 'analog feel' for flight simulation software. Four of your favorite settings can be set and one can even be set as start-up, allowing you to start playing the game right away. The MouseStick includes many of the outstanding features developed by Gravis for their switch joystick, such as the foam-padded pistol-grip handle, adjustable handle tension, and three micro-switch firing buttons. The MouseStick also carries Gravis' one-year no-nonsense warranty. \$99.95

Advanced Gravis Computer Technology Ltd., 7033 Antrim Ave., Burnaby BC, Canada C5J 4M5, (604) 434-7274

BOING! Mouse

A high-quality replacement mouse for the Amiga computer. No moving parts to wear out. Comes with special mouse pad. It has three buttons for use by new software and a two-year warranty. \$125.00
BOING, 1881 Ellwell Drive, Milpitas, CA 95035, (408) 262-1469

CSI 5500-BOING! Optical Mouse

Smooth optical mouse for all Amigas. Double the resolution of the standard mouse for better precision. Supports X-Windows, Amiga UNIX, and Workbench 2.0. The only optical mouse available for the Amiga. No moving parts to wear out and smooth mouse movement. Also includes free D.U.D.E. (Directory Utility/DOS Enhancer) software. \$149.00

Centaur Software, Inc., P.O. Box 4400, Redondo Beach, CA 90278, (213) 542-2226

◆ Cat Mouse

Replacement mouse for all Amigas. Uses Omron micro switches for unparalleled feel and control. Omron switches eliminate annoyances and accidental double clicks! Includes utilities software. \$69.95

Micro R & D, Div of Applied Technologies, Inc., 137 N. 7th Street, Loup City, NE 68853, (308) 745-1243

Graphic Arts
Desktop Video
Word Processing
Desktop Publishing
Music
Education
Business & Home Productivity
Programming
Utilities
Entertainment
Miscellaneous Software
Drives
Memory Expansion
Accelerators
Video Hardware
Miscellaneous Hardware
Accessories & Services
Books & Tapes
CDTV
PDS Guide
AMICUS Index
Fred Fish Index
Vendor/Product Registration
AC Back Issue Index
User's Groups
Vendor Information
Product Index by Product
Product Index by Vendor
Category Index
Last Minute Additions

Genius Mouse

A high-quality direct replacement mouse. Teflon glides for smooth movement. Rubber-coated ball for positive traction. Six-foot connecting cable and softer more positive button clicking. \$49.95
Datel Computers, 3430 E. Tropicana #67, Las Vegas, NV 89121, (800) 782-9110

M4 Mouse

For use with Amiga 500, 1000, and 2,000. \$49.95
Winner Products USA Inc., 821 S. Lemon Ave., Ste. A-9, Walnut, CA 91789, (714) 595-2490

RM300C

This mouse features 200 DPI and is compatible with all Amiga systems. \$50.00
ROCTEC Electronics Inc., 170 Knowles Drive, Ste. 202, Los Gatos, CA 95030, (408) 379-1713

▼ INPUT DEVICES/TOUCH SCREENS ▼

Amiga Touch Driver

With the Amiga Touch Driver, users can use a touch screen for any Amiga application. Touch screen input, cursor control is as natural as pointing with one's finger. Users can select from menus, create drawings, and manipulate windows simply by touching the screen—without reaching, orientating, or clicking a mouse. \$395.00
MicroTouch Systems, Inc., 55 Jonspin Road, Wilmington, MA 01887, (508) 694-9900

Amiga UnMouse

With the UnMouse, all you need is this innovative mouse alternative, plus your finger. No annoying mice to locate, orient, and roll. No moving parts to break. No balls to clog, skip, or clean. No moving tails to spill coffee. The UnMouse does everything a mouse can—only faster, easier, and in less space. To move the cursor, simply slide your finger over the glass surface. To make a selection, merely press down. The UnMouse also serves as an extended keyboard. Tap the large red button and you have a Power Keypad with sixteen keys instantly available to execute macros (60 in advanced mode). With its one million touch points, the UnMouse also performs as a small graphics tablet. \$235.00
MicroTouch Systems, Inc., 55 Jonspin Road, Wilmington, MA 01887, (508) 694-9900

Future Touch Touch Screen Monitor Kit

Touch driver software works with a 13-inch touch screen to convert a standard Commodore 1080, 1084, 1084S, 1084D, or 1950 monitor into a touch screen monitor. The modified monitor outputs a data stream to an Amiga's RS-232 or parallel connector. The Amiga reads this data as a mouse input. Customer must specify interface required, serial, parallel, or both (\$29.95 option). \$895.00
Amigo Business Computers, 192 Laurel Road, E. Northport, NY 11731, (516) 757-7334
please see display ad page 54

Touch Screen Monitors

Monitors come with Touch Driver Program which works with all authoring software including: VIVA, AmigaVision, CanDo, UltraCard, The Director, C.L.A.S., The Learning Curve, and Microtext. The monitor inputs touch information to the Amiga's RS-232 or Parallel port. Customer must specify interface required, serial, parallel, or both (\$29.95 option). Additional serial ports for the A2000 are available. (Comports). The 13-inch RGB Monitor: \$1195; 19-inch RGB Monitor: \$2995; 19-inch RGB Open Frame Monitor: \$1595; 19-inch MultiSync: \$1495.
Amigo Business Computers, 192 Laurel Road, E. Northport, NY 11731, (516) 757-7334
please see display ad page 54

UnMouse 3-inch x 5-inch Touch Tablet

MicroTouch flat surface touch tablet, 3-inch x 5-inch, for the Amiga. Amigo's custom software allows the UnMouse to behave similarly to a standard Future Touch touch screen. The UnMouse serial input is converted to Amiga mouse data. Package includes UnMouse Touch Tablet, Amiga cable set, and Amigo's Future Touch Driver. \$235.00
Amigo Business Computers, 192 Laurel Road, E. Northport, NY 11731, (516) 757-7334
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INTEGRATED ▼ MULTIMEDIA SYSTEMS ▼

24 Hour Concierge Cabinet/Kiosk

Our attractive all steel kiosk provides a unique and durable cabinet for displaying your multimedia presentation for public use. Kiosk design features an ergonomically-placed touch screen monitor, strategic ventilation for cool operation and stereo speaker placement, easy front door access to the Amiga computer and/or laserdisk player, and an area for an illuminated sign. \$1899.00
Doss Industries, 1224 Mariposa St., San Francisco, CA 94107, (415) 861-2223

Future Multi Media Kiosk

Future Touch offers the implementation of a fully configured stand-alone, interactive, multimedia kiosk. Seven-foot high public information kiosk contains stereo amp/mixer, coupon dispenser, surge protector, wire harnesses, A3000-16Mhz with 6MB RAM, 3.5-inch Floppy, 50MB Hard Drive, A2300 Genlock, 19-inch Color Touchscreen Monitor, and Pioneer LD-V2000 Laser Disc Player. AmigaVision, DeluxePaint III, diagnostic software, a touchscreen driver, and a laser player driver are included. \$6695.00
Amigo Business Computers, 192 Laurel Road, E. Northport, NY 11731, (516) 757-7334
please see display ad page 54

Future Touch Integrated Desktop Kiosk

Future Touch desktop kiosk provides lowcost, stand-alone workstation for computer based training and other interactive multimedia applications. Kiosk contains surge protector, wiring harnesses, A3000-16Mhz with 5MB RAM, 3.5-inch Floppy, 50 MB Hard Drive, A2300 Genlock, 13-inch Color Touchscreen Monitor, and Pioneer LDV-2000 Laser Disc Player. AmigaVision, DeluxePaint III, diagnostic software, a touchscreen driver, and a laser player driver are included. \$6645.00
Amigo Business Computers, 192 Laurel Road, E. Northport, NY 11731, (516) 757-7334
please see display ad page 54

Future Touch

Integrated Public Information Kiosk

Future Touch offers the lowest cost implementation of a fully configured stand-alone, interactive, and multimedia kiosks. Seven foot high public information kiosk contains fan, surge protector, wire harnesses, A3000-16Mhz with 5Meg RAM, 3.5-inch Floppy, 50 Meg hard drive, A2300 Genlock, 19-inch Color Touchscreen Monitor, Pioneer LDV-2000 Laser Disc Player, and coupon dispenser. AmigaVision diagnostic software, touchscreen driver, and laser player driver are included free. \$7145.00
Future Touch, div. of Amigo Business Computers, 192 Laurel Rd., E. Northport, NY 11731, (516) 757-7334

Future Touch Integrated Slave Kiosk

Future Touch slave kiosk integrates with remote host Amiga to provide low cost networked kiosk system. Kiosk contains surge protector, wiring harnesses, Future Touch MediaPro (Multimedia Controller Board), 19-inch Color Touchscreen Monitor, and a Pioneer LD-V2000 Laser Disc

Player. Diagnostic software, touchscreen driver, and laser player driver are also included. \$4395.00
Amigo Business Computers, 192 Laurel Road, E. Northport, NY 11731, (516) 757-7334
please see display ad page 54

Groom

The Groom is a reception system which is distributed by a computer. It is put at the strategic crossroads of hotel receptions, training centers, and large companies. The Groom quickly and efficiently directs visitors, trainees, and guests. The Groom uses the graphic and animation possibilities of the Amiga, is user-friendly, and can be easily updated.
IMEDIA, Cap 107-67, rue Robespierre, 93558 Montreuil-Cedex, France, 011-3314-857-5959

System Integrator

System Integrator will RESET the Amiga upon detection of an error condition, lock-up, or even a total system crash. It's a software/hardware combination that attaches externally to the Amiga (internally for A500). Developed initially for Cablevision companies, video presentations, and interactive multi-media displays. It is a must for bulletin board systems, ray tracing and other applications that require the Amiga to be left running unattended. System Integrator will have you up and running again in seconds, with no human intervention. The software includes a tool kit to log errors, blank the display, and display a custom message screen \$199.00
Pro-Tronic Systems Ltd., 720 -6th Street, #227, New Westminster, B.C., Canada V3L 3C5, (604) 290-1631
please see display ad page 138

▼ MODEMS ▼

1670 Stand-Alone Interface

Our 1670 Stand-Alone Interface allows you to use the Commodore 1670 modem on all Amiga machines. Powers itself and 1670, has 3-foot cable, status LED's, on/off switch, and modem reset switch. Can be used on any computer that has RS-232 serial port. The 1670 Stand-Alone Interface comes with complete instructions and is easy to set up and use. \$44.95
LRA Enterprises, 35615 Avenue D, Yucaipa, CA 92399, (714) 797-6867

9600 Baud Bandit External Modem

A 9600 baud external modem, 100% Hayes-compatible. Price TBA.
Progressive Peripherals & Software, 464 Kalamath St., Denver, CO 80204, (303) 825-4144

9600 Baud Bandit Internal Modem

A 9600 baud internal modem for Amiga 2000s and 3000s. 100% Hayes compatible. V.32 protocol. Price TBA.
Progressive Peripherals & Software, 464 Kalamath St., Denver, CO 80204, (303) 825-4144

A1680

1200 Baud modem. Access valuable information outside your workstation with the MODEM/1200 RS. Uses the popular Hayes command protocol to perform high-speed data communication over phone lines. Tap all major information networks to gather nearly limitless information. Supports standard RS232C interface so that it can be used with most computers on the market that offer a RS232 serial port. Offers the option of low speed compatibility with all Bell 103, 300 Baud modems. \$59.00
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

◆ AE Send-Fax

AE Send-Fax, a new software/hardware option available on AE's DataLink modems, makes the DataLinks the first fax modems available for the Amiga platform. Amiga users just push a few keys to send the message directly to any group 3 fax machine.

Applied Engineering, P.O. Box 5100, Carrollton, TX 75011, (214) 241-6060

Avatex 1200 E

Fully Hayes-compatible 300/1200 baud modem. Includes communications software. \$69.00
Megatronics, 1094 N. Main Street, Logan, UT 84321, (800) 232-6342

Avatex 2400 E

300/1200/2400 fully Hayes-compatible modem. Includes communications software. \$119.00
Megatronics, 1094 N. Main Street, Logan, UT 84321, (800) 232-6342

Baud Bandit 2400

A 2400 baud, fully Hayes-AT-compatible modem. Has fully worded LED readout panel and privacy circuitry shielding. Sleek, black exterior design. \$169.95

Progressive Peripherals & Software, 464 Kalamath St., Denver, CO 80204, (303) 825-4144

Baud Bandit MNP/Level 5 Plus

Advanced 2400 baud modem with 100% error-free transmission. MNP/Level 5 compression technology doubles transfer rate up to 4800 baud. \$199.95

Progressive Peripherals & Software, 464 Kalamath St., Denver, CO 80204, (303) 825-4144

DataLink 2000

Internal 2400 bps modem for the Amiga 2000, 2500, and 3000. You can start with the base unit and upgrade later to add MNP-5 and send-FAX capability. Supports multitasking so that more than one modem can be running in the same machine simultaneously. Comes complete with communication software. 5 year warranty. DataLink 2000 \$159.00. With MNP-5 \$189.00. Send-FAX option \$39.00. \$159.00

Applied Engineering, P.O. Box 5100, Carrollton, TX 75011, (214) 241-6060

DataLink Express

External 2400 bps modem for all Amiga owners. Features a complete 12 lamp status array and our exclusive Line Engaged indicator, politely informing you that another user is on the line. The modem can be upgraded to include MNP-5 and send-FAX capability. Works with almost any computer including the entire Amiga line. Powerful communications software included plus a 5 year warranty. With MNP-5 \$299.00. \$249.00
Applied Engineering, P.O. Box 5100, Carrollton, TX 75011, (214) 241-6060

◆ ImageMaker 96

ImageMaker 96 sends and receives fax documents at 9600 baud. It communicates with any fax machine, can fax from within an application, and requires no extra software. ImageMaker 96 modems can communicate at 9600 baud using any communication program. It works on any Amiga. \$299.00

Picture Vision, 2006 Hogback Road, Ste. 7, Ann Arbor, MI 48105, (800) 242-3587

Minimodem-AM24

2400 baud modem specifically built for A500 and A2000. Powered from Amiga serial port and includes self test, speaker, and status LED's. Complete with terminal software, phone cord, and serial cable. \$99.95

APROTEK, 9323 West Evans Creek Road, Rogue River, OR 97537, (503) 582-2120

Minimodem-AM6216

300/1200 baud modem includes speaker with volume control and status indicator LED's. Hayes-compatible with terminal software. \$79.95
APROTEK, 9323 West Evans Creek Road, Rogue River, OR 97537, (503) 582-2120

Supra Modem 2400

2400 baud modem. Hayes-compatible with AT commands and common protocols. Features nonvolatile memory, and more. \$149.95
Supra Corporation, 1133 Commercial Way, Albany, OR 97321, (800) 727-8772

Supra Modem 2400 Plus

Supra Modem 2400 Plus adds MNP levels 2-5 & CCITT V.42-bis error correction & data compression protocols to standard Supra Modem 2400 features. These protocols let the user get up to 9600 baud, error-free throughput when communicating with modems with the same protocols. \$199.95

Supra Corporation, 1133 Commercial Way, Albany, OR 97321, (800) 727-8772

Supra Modem 2400 zi

Internal 1/2 card 2400 baud modem for A2000. Hayes-compatible. That features non-volatile memory, and more. Supports up to 5 modems per computer. \$179.95

Supra Corporation, 1133 Commercial Way, Albany, OR 97321, (800) 727-8772

▼ MONITORS ▼

1084S Monitor

RGB composite color maximizes your computer's video capabilities. High resolution, sharp image, superior color, and stereo sound. Compatible with C64, C128, and entire Amiga line. Also compatible with VCR and television tuners. Hue, brightness, contrast, sharpness, and volume controls in front. RGB Composite switch in front. Built-in stereo amplifier, speaker, and earphone jack. Analog RGB, Digital RGBI, NTSC composite, audio, and separate Luna/Chroma. \$399.95
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

1930 VGA Color Monitor

RGB Analog supporting VGA compatible output (31.48 KHz). \$649.00
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

1950 Multiscan Color Monitor

RGB Analog and RGBI (digital) capable of scanning video signals from 15-36 KHz. \$799.00
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

Non Flicker Cable™ for any Amiga

Cable to use any TTL Hercules Monitor with the Amiga (B/W mode). Allows one to use A-Maz with the Amiga without flickering. Best result with Commodore 1402 monitor. \$39.50
Pre'spect Technics Inc., P.O. Box 670 Station H, Montreal, Quebec, Canada H3G 2M6, (514) 954-1483

PanaSync C1381

The Panasonic PanaSync C1381 offers the high-resolution color display of IBM's 8514/A video adaptor. Panasonic has aggressively positioned the PanaSync C1381 to provide business users with the industry's first affordable color display option. Features include: up-front controls, non-glare screen, and tilt-and-swivel stand. \$699.00
Panasonic Communications & Systems Company, Two Panasonic Way, Secaucus, NJ 07094

Viking I

The Viking I monitor from Moniterm is a specialized high-resolution monitor. The Viking I will display all standard Amiga resolutions by de-interlacing and converting them to four shades

of grey. In the extended mode, the 19-inch monitor will display a 1008 x 800 non-interlaced resolution. Included with the Viking I is a card for the A2000 series video slot. The monitor will also display from the new Commodore Enhanced Chip Set. The Viking I for the A2000 targets business and professional users for desktop publishing, CAD/CAM engineering workstations, presentation, and spreadsheet applications. This display permits of two full facing pages of text and graphics for desktop publishing, word processing, and B size drawings. \$1995.00
Moniterm, 5740 Green Circle Drive, Minnetonka, MN 55343, (612) 935-4151

▼ MONITOR ACCESSORIES ▼

◆ NFC Non Flicker Cable I

This cable allows one to use TTL monitors. e.g. Commodore 1402 with any Amiga. This black & white monitor doesn't flicker that much. \$39.00
Pre'spect Technics Inc., P.O. Box 670 Station H, Montreal, Quebec, Canada H3G 2M6, (514) 954-1483

◆ NFC Non Flicker Cable II

This cable has 3 connectors. It allows to run the existing color monitor and at the same time a TTL black & white monitor. e.g. the Commodore 1402 with any Amiga. The TTL monitors, well known in the IBM would not flicker. \$79.00
Pre'spect Technics Inc., P.O. Box 670 Station H, Montreal, Quebec, Canada H3G 2M6, (514) 954-1483

NoRad dB60

Anti-glare/static/radiation filter grounded filter reduces flicker in high-resolution or interlace mode. Grounded for full elimination of static and electromagnetic radiation. Won't attract dust or reflect light. Easy maintenance. \$129.95
Brookfield Communications, 3820 Griffith View Drive, Los Angeles, CA 90039, (800) 533-dB60

ProfessionalPlus

Glare/Guard® filters are especially suited for data entry and editing terminals, color and monochrome graphics monitors, word-processing stations and personal computers, and the top-of-the-line ProfessionalPlus model has OCLI's patented anti-glare coating on both sides of the glass to reduce glare by 99 percent. Also features radiation and static control. A special conductive coating and grounding plug eliminates static and dust. The filter also shields against VLF/ELF radiation by neutralizing 98 percent or more of the electric field. Sizes are available to fit Commodore model numbers 1080 and 1084S models. \$99.00

Optical Coating Laboratory, Inc., 2789 Northpoint Parkway, Santa Rosa, CA 95407-7397, (707) 525-7526

◆ SoftTouch™

SoftTouch is a part of OCLI's GlareWare accessory line for computers. SoftTouch is a lint-free, hand-selected natural chamois specially prepared for cleaning fine optical surfaces. SoftTouch is enclosed in every Glare/Guard® ProfessionalPlus™ box, and is also available as a separate item. \$5.95
Optical Coating Laboratory, Inc., 2789 Northpoint Parkway, Santa Rosa, CA 95407-7397, (707) 525-7526

Vantage

The Vantage, also made of tempered glass, but without the anti-glare coating on the back surface of the glass or the conductive coating, reduces glare up to 95 percent. In addition, it enhances contrast, sharpens data on the screen, reduces the halo effect, and eliminates screen flicker. The Vantage has sizes to fit the Amiga 1080 and the Amiga 1084S. \$59.00

Optical Coating Laboratory, Inc., 2789 Northpoint Parkway, Santa Rosa, CA 95407-7397, (707) 525-7526

Graphic Arts
Desktop Video
Word Processing
Desktop Publishing
Music
Education
Business & Home Productivity
Programming
Utilities
Entertainment
Miscellaneous Software
Drives
Memory Expansion
Accelerators
Video Hardware
Miscellaneous Hardware
Accessories & Services
Books & Tapes
CDTV
PDS Guide
AMICUS Index
Fred Fish Index
Vendor/Product Registration
AC Back Issue Index
User's Groups
Vendor Information
Product Index by Product
Product Index by Vendor
Category Index
Last Minute Additions

▼ NETWORKING ▼

◆ ARNIS

ARNIS is a network operating system for Amigas, based on the UNIX protocol UUCP. It's functions are electronic mail, remote file copy, remote process launching, remote shell access (maintenance), electronic news, installation and configurations models, and deferred launching of remote commands. ARNIS offers a high quality of graphic interface. All the actions are done through icons, menus, and limited keyboarding zones.

IMEDIA, Cap 107-67, rue Robespierre, 93558 Montreuil-Cedex, France, 011-3314-857-5959

Amiga 2000 AmigaNet Ethernet Board

With the Hydra Ethernet board the Amiga now has a full standard Ethernet connection. All Amigas can be connected in one network and share all the resources each of the Amigas in the net can provide. Several Amigas can use a single laser printer or access a large capacity hard disk. Users can also chat to each other and exchange programs. The AmigaNet (the Ethernet on the Amiga) is as fast as the fastest hard disks on the market. In addition, the software that is supplied with the board was written by the creators of AmigaDOS and Helios. There is also an AmigaNet Starter Package available for \$1,299.00. \$699.00 Advanced Computer Design, Carl Schurz-Str.11, D-2800 Bremen 1, West Germany, 011-49-421-349-9517

Amiga Arcnet Network Adapter (A2060)

Arcnet Network Adapter for the Amiga 2000 and 3000 series. \$229.00
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

Amiga Ethernet Network Adapter (A2065)

Ethernet Network Adapter for the Amiga 2000 and 3000 series. \$349.00
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

CAL 032 Superlink

A2000 interface internal plug-in card. Supplied with CatenaNet software, which provides a print spooler, access to remote files and peripherals, and interworks with SimpleNet. Price unavailable.

Nine Tiles, 25 Greenside, Waterbeach, Cambridge, England, CB5 9HW, 011-44-223-86-2125

CAL 042 Superlink

A500 interface. Plugs into expansion connector on side of A500. Supplied with CatenaNet software. Price unavailable.

Nine Tiles, 25 Greenside, Waterbeach, Cambridge, England, CB5 9HW, 011-44-223-86-2125

DoubleTalk 2000/3000

A fully AppleTalk™-compatible network system for all Amigas. Allows full networking with Amiga and Macintosh™ computers. Operates at double speed on Amiga-only networks. 2000/3000 version: \$450.00. 500 version: \$500.00. \$449.95
Progressive Peripherals & Software, 464 Kalamath St., Denver, CO 80204, (303) 825-4144

▼ PORT EXPANSION ▼

A2232

The A2232 is a multi-serial port card that provides the Amiga user seven additional RS232 ports. Each port can operate independently or simultaneously, and provides speeds up to 19.2K Baud. Additionally, the A2232's shared on-board RAM and dedicated micro-processor provides high-speed operation and full multitasking which is critical for many of the sophisticated applications that have been developed on the Amiga. \$399.00
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

ACD Serial Interface Boards 2 & 4

Fits into one of the 100-pin expansion slots. Gives you two additional serial ports for a large variety

of applications. Connect several printers, plotters, and scanners to your Amiga simultaneously. Auto-config and takes only a 64K address range. Driver software and terminal program are shipped with the Serial Interface Board 2. SIB2: 299 Duetschemarks; SIB4: 349 Duetschemarks.
Advanced Computer Design, Carl Schurz-Str.11, D-2800 Bremen 1, West Germany, 011-49-421-349-9517

AX-S Expansion System

A hardware adaptor/interpreter that interlaces the Amiga Bus Structure/Expansion port to the PC industry's PC/XT-AT Bus standards. The AX-S Interface Board allows the Amiga and AmigaDOS to access the boards available for the PC/XT-AT computers. For A500 and A100 users the AX-S system connects the 86-pin expansion port to a chassis with XT and AT card slots, power supply etc. For use in the Amiga 2000 the Interpreter Board plugs into one of the Bridgeboard slots inside the A2000 computer. \$695.00
Spirit Technology Corp., 220 W. 2950 S., Salt Lake City, UT 84115, (800) 433-7572

BusExpander™

Sub Assemblies turn a baby AT box and power supply into A2000-compatible expansion chassis. Has six Amiga slots and six to eight IBM slots. Supports autoconfigure, bus arbitration, and bus contention detection. Connects to either the A500 or A1000. \$495.00
Bill's Boards, 9528 Miramar Road, Suite 181, San Diego, CA 92126, (619) 486-0908

Comports 8, RS-232 Communications Interface

Comports enables an A2000 to function as a true multitasking workstation supporting devices which work with RS-232 serial ports such as modems, laser disks, video equipment, printers, tablets, etc. The communications compatibility list includes all programs which call the Amiga's Serial Device and other programs using the board's advanced communication features. Upgrades to support full MIDI are in Beta test. Various breakout boxes/cabling arrangements are available. \$379.95
Amigo Business Computers, 192 Laurel Road, E. Northport, NY 11731, (516) 757-7334

please see display ad page 54

DEB™ 2000

MicroWay's DEB 2000, Denise Extender Board for the Amiga 2000 and 2500, transfers the video signals required by the FlickerFixer from the Denise socket on the Amiga motherboard to the DEB connector board. DEB 2000 allows MicroWay's award winning flickerFixer to be operated in the Commodore Amiga without utilizing the video slot. As a result, the video slot is left free for other devices such as internal genlocks and frame buffers. \$99.00
MicroWay, P. O. Box 79, Kingston, MA 02364, (508) 746-7341

Dual Serial Board

ASDG's DSB provides a complete expansion serial port solution including compatible EXEC and DOS drivers. The DSB can be used to drive most PostScript printers at 6 times their normal serial speed. The DSB is compatible with every serial communications program tested including AtalkIII, Access, VT100, Comm, and Whap. \$250.00
ASDG, Inc., 925 Stewart St., Madison, WI 53713, (608) 273-6585

Microshare MCS 1050

The MCS 1050 interface is an external device that converts the Amiga's centronics port signals into IEEE 488. No software is needed, this unit is fully transparent to the user. Now you can finally use that old Commodore pet printer or any other IEEE printer that was just sitting around. \$204.95 Canadian.
Comspec Communications, 74 Wingold Ave., Toronto, Ontario, Canada M6B 1P5, (416) 785-3553

Multi Face Card

Adds two parallel ports and two serial ports to the Amiga 2000, 2500, and 3000. Runs real multitasking with all six Amiga ports. Comes with software and cables. \$349.00
Pre'spect Technics Inc., P.O. Box 670 Station H, Montreal, Quebec, Canada H3G 2M6, (514) 954-1483

Parallel Port Adapters

These adapt the 1000 to 500/2000 parallel port and vice versa. Separate product for each conversion. AUS \$30.
Phoenix Microtechnologies Pty. Ltd., 18 Hampton Road, Keswick, South Australia 5035, 011-61-8-293-8752

PrInterface

PrInterface is a cost-effective solution to the problem of where to connect a printer by adding a second centronics compatible parallel output port to the A500, A1000, or A2000 and redirecting all printer data bound for the Amiga's parallel port to the PrInterface port. No more cable swapping, switch throwing, or digitizing noise. When it's time to digitize, the digitizer software talks directly to the digitizer. When it's time to print, the system talks to the printer through PrInterface. More than just a switch, PrInterface supports full Amiga multitasking allowing you to print while the Amiga's parallel port is in use. And PrInterface works through Preferences, assuring full compatibility with all printers supported by the system. \$99.95
Interactive Video Systems, 7245 Garden Grove Blvd. Ste. E, Garden Grove, CA 92641, (714) 890-7040

Serial Expander 2000

Adds an A1000-compatible serial port to the A2000. This product will be of interest to users who have upgraded from the A1000 to the A2000. It will allow them to use any of their existing serial devices designed for the A1000 (such as MIDI interface) on the A2000. \$19.95
Golden Hawk Technology, 427-3 Amherst Street, Ste. 389, Nashua, NH 03063, (603) 424-0269

The Serial IV+Card

Multiple-serial card with four serial ports, and one parallel port. Any of the serial ports can be used as MIDI ports with no modifications. \$299.95
Expert Services, 5912 Centennial Circle, Florence, KY 41042, (606) 371-9690

The Serial Solution

Contains all the features you need for serious multiport applications. The included software drivers are compatible with the standard Amiga devices and handlers. Contains 1 Amiga-compatible 25-pin serial port which accommodates specialized Amiga peripherals like MIDI interfaces. And 1 AT-compatible 9-pin serial port that will support non-Amiga peripherals, like laser printers and FAX machines. Supports MIDI and standard Baud rates. \$199.00
Checkpoint Technologies, P.O. Box 2035, Manassas, VA 22110, (703) 330-5353

▼ PRINTERS ▼

CDI-IV Digital Film Recorder

The CDI-IV Digital Film Recorder offers true color capability for all your Amiga images, including IFF and HAM. Whether you need high quality 35mm slides, instant prints, overhead transparencies or even instant slides. The CDIIV includes a 35mm camera, instant print camera, software and cables. Everything you need is right in the box. The CDIIV even has a batch processing mode for unattended imaging. \$1895.00
American Liquid Light, Inc., 2341 W. 205th St. Ste.116, Torrance, CA 90501, (213) 618-0274

DeskJet

A 300dpi monochrome inkjet printer. Print quality just short of laser quality. \$795.00
Hewlett-Packard Company, 16399 W. Bernardo Drive, San Diego, CA 92127-1899, (619) 592-4676

DeskJet PLUS

An updated version of the DeskJet, offers 300 dpi monochrome, ink jet printing. This serial printer prints at 120 cps offering graphics at one to two minutes per page. The DeskJet PLUS offers better paper handling and faster processing than the original DeskJet. \$1495.00
Hewlett-Packard Company, 16399 W. Bernardo Drive, San Diego, CA 92127-1899, (619) 592-4676

Enhanced Sharp JX-730

Printer Driver with palettes

The Amiga printer driver is for use with the Sharp JX-730 color Ink-Jet Printer. The printed output can be varied from light to dark using the density control in Preferences. Density 1 produces the lightest printout, while density 7 produces the darkest printout. This driver is internally color-corrected and no longer requires using color correction in Preferences. Colors are processed so that printed colors are better matched to screen colors (i.e., blue on screen prints as blue on paper, not as purple). Four 1.3- and 2.0-compatible drivers are included on the disk with palettes and sample pictures. \$45.00
GlassCanvas Productions, Inc., P.O. Box 6171, Boston, MA 02114, (617) 367-3229

Enhanced Xerox 4020

Printer Driver with palettes or pictures

The Amiga printer driver is for use with the Xerox 4020 Color Ink-jet Printer. The printed output can be varied from light to dark using density control in Preferences. Density 1 produces the lightest printout, while density 7 produces the darkest printout. This driver is internally color-corrected and no longer requires using color correction in Preferences. Colors are processed so that printed colors are better matched to screen colors (i.e., blue on screen prints as blue on paper, not as purple). Three 1.3- and 2.0-compatible drivers are included on the disk with palettes and sample pictures. \$35.00
GlassCanvas Productions, Inc., P.O. Box 6171, Boston, MA 02114, (617) 367-3229

KODAK SV6510

The KODAK SV6510 printer produces 24 bit-plane prints measuring 4 x 5 inches in size. The printer can be used to produce images for thermal transfer onto fabric or ceramics. The printer is completely integrated into ASDG's Art Department Professional via KODAK SV6510 Driver module. Requires ADPro and the KODAK SV6510 Driver. \$4500.00
ASDG, Inc., 925 Stewart St., Madison, WI 53713, (608) 273-6585

KODAK SV6510 Driver

The KODAK SV6510 is a 24 bit-per-pixel dye sublimation printer which creates prints measuring 4 x 5 inches in size. This driver completely integrates the KODAK SV6510 into the Art Department Professional. Any image which can be loaded into or created within ADPro can be quickly sent to the SV6510. Requires ADPro and a KODAK SV6510 printer. \$250.00
ASDG, Inc., 925 Stewart St., Madison, WI 53713, (608) 273-6585

KX-P4420 Laser Printer

The new KX-P4420 laser printer is a low-cost printing solution that fills the bill by combining price and performance, and represents one of the best values for the small business and home professional markets. It offers exceptional print quality, quiet operation, and speed. \$1395.00
Panasonic Communications & Systems Company, Two Panasonic Way, Secaucus, NJ 07094

LaserPrinter 4

A four-page-per-minute laser printer which incorporates a RISC based processor for faster throughput speed. Offers full compatibility with the HP LaserJet IIP, both hardware and software. The LaserPrinter 4 has a 1MB standard memory, expandable up to 5MB. Comes bundled with Turbo25 font cartridge offering 151 fonts. \$1495.00
Star Micronics Inc., 200 Park Avenue, Ste. 3510, New York, NY 10166, (212) 986-6770

MPS-1270 Ink Jet Printer

Black and white quality ink jet printer, 160 characters per second output. \$299.00
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

NX-1001 Multi-Font

A 9-pin dot matrix printer offers a draft printing speed of 180 characters per second and a near letter quality speed up to 75 characters per second. Five resident fonts and convenient paper handling including paper parking. Two year limited warranty. \$249.00
Star Micronics Inc., 200 Park Avenue, Ste. 3510, New York, NY 10166, (212) 986-6770

NX-1020 Rainbow

A 9-pin dot matrix printer which prints out in seven colors. Draft printing speed up to 225 characters per second. Advanced features allow bi-directional printing, paper feeding from top, bottom, or rear. Extremely quiet and easy to use. Two year limited warranty. \$329.00
Star Micronics Inc., 200 Park Avenue, Ste. 3510, New York, NY 10166, (212) 986-6770

NX-2410 Multi-Font

A high-speed 24-pin dot matrix printer offering 360 dots per inch resolution and a choice of four resident fonts. Excellent letter quality printing speed of 60 cps, and a quick 180 cps draft printing speed. Paper parking function allows you to print out a single sheet of paper without removing paper feed. \$399.00
Star Micronics Inc., 200 Park Avenue, Ste. 3510, New York, NY 10166, (212) 986-6770

NX-2415 Multi-Font

A 24-pin dot matrix printer with blazing 200 cps speed in draft mode and up to 66.7 cps letter quality mode. Four resident letter quality fonts, with full IBM/Epson compatibility. Forward and reverse micro-feeds let you position the paper exactly where you want it. \$599.00
Star Micronics Inc., 200 Park Avenue, Ste. 3510, New York, NY 10166, (212) 986-6770

NX-2420 Multi-Font

The cost effective NX-2420 is a 24-pin dot matrix printer with 7 resident fonts. Offers high resolution graphics up to 360 dots per inch. Superior paper handling features including a convenient paper parking, rear and bottom feeding. Full two-year limited warranty. \$499.00
Star Micronics Inc., 200 Park Avenue, Ste. 3510, New York, NY 10166, (212) 986-6770

NX-2420 Rainbow

A 24-pin dot matrix printer which offers 7 color printing. High speed draft mode with speeds up to 250 cps. Letter quality mode with speeds up to 100 cps. High resolution graphics up to 360 dpi. 7 resident fonts. Limited two-year warranty. \$549.00
Star Micronics Inc., 200 Park Avenue, Ste. 3510, New York, NY 10166, (212) 986-6770

PaintJet Color Graphics Printer

With a high-resolution 180 dpi, the PaintJet offers color printing for the Amiga. Near-Letter-Quality (NLQ) mode offers printing as fast as 167 cps. Amiga Workbench 1.3 supplies a printer driver. Supports all Amiga resolutions and modes. \$1395.00
Hewlett-Packard Company, 16399 W. Bernardo Drive, San Diego, CA 92127-1899, (619) 592-4676

PaintJet XL

Similar to the PaintJet Color Graphics but offers printing three times as fast. Also allows single-sheet feed as well as tractor feed and paper sizes up to 11 x 17 inches. \$2495.00
Hewlett-Packard Company, 16399 W. Bernardo Drive, San Diego, CA 92127-1899, (619) 592-4676

Polaroid CI 3000 Digital Palette

True continuous tone 24-bit color film recorder with 2048 x 1366 pixel resolution on 35mm slides. Includes 35mm and Polaroid Pack Film camera backs and a 35mm instant slide film processor/mounting kit. For use with Art Department Professional & CI 3000 driver, 3MB min. \$4495.00
ASDG/Polaroid, 925 Stewart St., Madison, WI 53713, (608) 273-6585

SBP-10 Plus

This heavy-duty 18-pin business printer boasts original+five copy multi-part forms handling, letter quality printing, draft print speeds up to 800 cps and a push/pull tractor with zero tear-off. The SBP-10 Plus front control panel features a 32-character LCD readout. A group switch stores up to 10 group settings of up to 40 combinations of mode, pitch, paper-feed, and more in memory. \$4495.00
Seikosha America Inc., 10 Industrial Avenue, Mahwah, NJ 07430, (800) 338-2609

XB-2410

A 24-pin dot matrix printer offering draft printing speed up to 240 cps. Exceptional paper handling convenience, easy operation, and wide compatibility. Select from a full range of 16 fonts. Limited two-year warranty. \$699.00
Star Micronics Inc., 200 Park Avenue, Ste. 3510, New York, NY 10166, (212) 986-6770

XB-2415

A 24-pin dot matrix printer with 14-inch wide carriage ideal for printing out charts, spreadsheets, and large documents. Draft printing speed up to 240 cps. Exceptional paper handling, paper parking, and fanfold capability. Select from a range of 16 fonts. Two-year limited warranty. \$899.00
Star Micronics Inc., 200 Park Avenue, Ste. 3510, New York, NY 10166, (212) 986-6770

XR-1000 Multi-Font

A 9-pin dot matrix printer delivers exceptional printing speed of 300 characters per second in the draft mode, and 76 characters per second in near letter quality mode. Eight near-letter-quality fonts, convenient paper handling, including paper parking. Two-year limited warranty. \$499.00
Star Micronics Inc., 200 Park Avenue, Ste. 3510, New York, NY 10166, (212) 986-6770

XR-1500 Multi-Font

A 9-pin dot matrix printer delivers exceptional 300 characters per second printing speed in draft mode. 76 characters per second near-letter-quality performance. 14-inch wide carriage is ideal for printing out charts, graphs, and other large documents. Two-year limited warranty. \$699.00
Star Micronics Inc., 200 Park Avenue, Ste. 3510, New York, NY 10166, (212) 986-6770

▼ PRINTER/BUFFERS ▼

Microshare MCS 8008/MCS 8004

The MCS 8004 and the MCS 8008 are multi-use printer buffers and spooler combinations. They allow up to four or eight transparent sharing of a printer device even if the computers are of different makes. \$795.00 Canadian
Comspec Communications, 74 Wingold Ave., Toronto, Ontario, Canada M6B 1P5, (416) 785-3553

Graphic Arts
Desktop Video
Word Processing
Desktop Publishing
Music
Education
Business & Home Productivity
Programming
Utilities
Entertainment
Miscellaneous Software
Drives
Memory Expansion
Accelerators
Video Hardware
Miscellaneous Hardware
Accessories & Services
Books & Tapes
CDTV
PDS Guide
AMICUS Index
Fred Fish Index
Vendor/Product Registration
AC Back Issue Index
User's Groups
Vendor Information
Product Index by Product
Product Index by Vendor
Category Index
Last Minute Additions

PP-256K Printer Buffer

256K Buffer. Frees the computer from time-consuming printing. Prints multiple copies without the computer. Cuts graphics printing time by 70% or more. 4KB/second throughput. LED indicator, reset function, bypass mode, and automatic memory sizing. One-year warranty. Available in 512K and 1MB versions also. \$149.95
Micro R & D, Div of Applied Technologies, Inc.,
137 N. 7th Street, Loup City, NE 68853,
(308) 745-1243

◆ SA-10 EPROM Programmer

Stand-alone programmer capable of programming the 2716 to 4MB devices. The SA-10 comes standard with 1MB (128KB) of memory, and can be upgraded to 8MB using 1MB DRAM. The SA-10 features a 4 x 20 character LCD, 20-key tactile keypad, RS232, and parallel in and out. The SA-10 can communicate with the Amiga using any standard ASCII terminal software via the serial port up to 115K baud. The printer-out port allows direct printing of data or macro configurations, or you can use the SA-10 as a printer buffer equal to the amount of installed DRAM. \$550.00
Needham's Electronics, 4539 Orange Grove Ave.,
Sacramento, CA 95841, (916) 924-8037

▼ PRINTER/LASER ▼

LaserJet IIP

Four-page per minute, low-cost laser printer. Extremely small footprint. \$1295.00
Hewlett-Packard Company, 16399 W. Bernardo Drive, San Diego, CA 92127-1899, (619) 592-4676

M.A.S.Terprint

A 300 dpi desktop page printer with Fujitsu engine, LED technology for increased reliability, and small footprint, only 16.5-inch x 16.5-inch. The M.A.S.Terprint also sports a dual paper feeder and is HP-PLUS-compatible. PostScript upgradeable, it comes with 640K memory, expandable to 2MB. \$899.00
M.A.S.T. Memory and Storage Technology, Inc.,
1395 Greg Street, Sparks, NV 89431,
(702) 359-0444

M.A.S.Terprint PS

This is the PostScript version of the page printer. It has 35 fonts and 2MB of RAM (optional 4MB). Additional PostScript font cartridges can be plugged into the printer. Includes Appletalk, Centronics, and Serial Interface. M.A.S.Terprint can be upgraded to M.A.S.Terprint PS anytime—let's you save up for PostScript. \$1999.00
M.A.S.T. Memory and Storage Technology, Inc.,
1395 Greg Street, Sparks, NV 89431,
(702) 359-0444

PC Laser 6000/PS

This versatile printer offers Hewlett-Packard's LaserJet Series II emulation. In PostScript mode, users can produce newsletters, brochures, presentation material, computer-aided design, and other highly formatted text and graphic output, and is compatible with many popular software packages. With its parallel, RS-232C serial and RS-422 (Appletalk) interfaces, the PC LASER 6000/PS is compatible with IBM personal computers and compatibles as well as Apple and Macintosh computers. It prints full-page bit-mapped text and graphics at 300 dpi, and features 35 typefaces in 11 fonts for use in the PostScript mode. In HP mode, 24 standard HP fonts are resident on the printer and additional HP soft fonts can be downloaded. \$4495.00
Ricoh Corporation, Five Dedrick Place, West Caldwell, NJ 07006, (201) 882-2000

▼ PRINTER/INKS ▼

Ink-Jet Ink

Ultra-Black ink in a monopack disposable Maxwell dispenser provides the user with a handy and very easy-to-use alternative. Available in two-pack and four-pack sets, or bundled with the other Jet Technology colors: magenta, cyan, and yellow. 5 ml cartridge: \$5.50; 60 ml bottle: \$40.00.
Jet Technology, 16 Pembroke Road, Weston, MA 02193, (617) 239-8383

Ink Drink

Ink-jet ink for the Xerox 4020 printer and Diablo C-150. Smooth flowing through your printer to reduce clogging. Half the price of the ink now being used. Four colors: cyan, magenta, black, and yellow. Call company for other available products.
Software Sensations, P.O. Box 2414, Beverly Hills, CA 90213, (213) 277-8272

▼ SCANNERS & DIGITIZERS ▼

300 DPI Scanner

Saves images as B/W IFF files at 75, 150, 200, or 300 dpi. Saves in 15 seconds. User-definable scanned page regions for hi-res use. Programs can be used in any IFF-supporting program, allowing you to color images in paint programs like DeluxePaint II, or import them into Professional Page or Professional Draw. Comes with parallel port hardware and software interface. \$1095.00
Gold Disk, Inc., 5155 Spectrum Way, Unit 5, Mississauga, Ontario, Canada L4W 5A1,
(416) 602-4000

◆ Aegis ScanMaster

ScanMaster image scanner captures 24-bit images at up to 300 DPI resolution, showing up to 16.7 million colors—or 256 shades of gray—using a reliable flatbed design large enough to handle documents up to 8.5 x 11.7 inches in size. ScanMaster comes with ImageMaster software, providing image processing tools for adding special effects, enhancing, manipulating and saving images, including a facility for making professional 24-bit-16.7 million shade-CMY or CMYK color separations from any scanned image. \$1999.00
Oxxi/Aegis, 1339 E. 28th Street, Long Beach, CA 90806, (213) 427-1227

BarPro/B

High-tech industrial-quality bar code scanning wand (RS-232) with full software support: software to program the intelligent wand's internal features, software to print bar code labels (BarPro/A), and input handler program which lets the bar code wand scan label data directly into any Amiga software as if scanned label data were typed in on the keyboard. The input handler program makes the bar code scanning wand compatible with all existing Amiga software (SuperBase, spreadsheet, even CLI/Shell command entry via scanned labels). Scans Code39, Code93, Code25, Code128, Codabar, UPC, and EAN. Complete plug-it-in-and-go solution for all bar code data entry applications on Amigas. \$899.50
MegageM, 1903 Adria, Santa Maria, CA 93454,
(805) 349-1104

please see display ad page 8

Digi-View Gold 4.0

NewTek's new dynamic palette control allows all 4096 colors to be displayed in high resolution with overscan, thus providing sharper HAM images and virtually eliminating HAM fringing. The LBJ technology allows the user to selectively filter background noise from the video signal for sharper, clearer images. Digi-View 4.0 supports ARexx. New Digi-Port feature allows captured images to be displayed directly into Digi-Paint III, and resolutions may be changed from inside

Digi-View 4.0. 24-bit RGB files may be loaded and saved for further image processing or exporting to typesetters or frame buffers. Many more enhancements have been added to Digi-View 4.0, allowing you to create images with ease. \$199.95
NewTek, 215 E. 8th St., Topeka, KS 66603,
(913) 354-1146

◆ EPSON ES-300C Color Scanner

The EPSON ES-300C is a low cost full page flatbed scanner. It offers 24 bit-per-pixel scanning at up to 300 dots-per-inch in native resolution. It offers an interpolated resolution of up to 600 dots-per-inch. This scanner can be completely integrated into the Art Department Professional using the EPSON ES-300C driver. Using that driver, no special interface board is required. Requires Art Department Professional and the EPSON ES-300C Driver. \$1999.00
ASDG, Inc., 925 Stewart St., Madison, WI 53713,
(608) 273-6585

◆ EPSON ES-300C Driver

This driver module fully integrates the EPSON ES-3000 flatbed color scanner into the Art Department Professional. The driver offers a high resolution gray scale preview mode—which is switchable from inches to centimeters—with full WYSIWYG operation. The driver allows scans at up to 600 dots-per-inch, the maximum supported by the scanner. Requires Art Department Professional and an EPSON ES-300C color scanner. \$200.00
ASDG, Inc., 925 Stewart St., Madison, WI 53713,
(608) 273-6585

Geniscan Handy Scanner

Hand Scanner with 400 dpi resolution and 4 1/8 inch width. Adjustable switches for brightness and contrast. Software compatible with most leading software packages. \$299.95
Datel Computers, 3430 E. Tropicana #67, Las Vegas, NV 89121, (800) 782-9110

Handiscan

400 dpi disk top scanner for the complete line of Amiga computers up to 16 grey levels virtual pages support 3 optional dithering patterns. \$349.95
Corwyn International, 977 Seminole Trail, Charlottesville, VA 22901, (804) 974-1690

Scanman Model 32 V2.1

Provides an improved user interface, and it allows users to stitch together multiple scans. It has scanner calibration which matches gray values between pieces of a merged scan, and features new and improved image-editing tools. \$499.00
LOGITECH, INC., 6505 Kaiser Drive, Fremont, CA 94555, (415) 795-8500

Sharp JX-100

One of the smallest color scanners in the world. Scans an area of 4 x 6.4 at 200 dpi, and will do black and white, gray scale, and color scanning for high-quality desktop publishing. Sold by Sharp Electronics, the software is written by ASDG, Inc. Software and will process 18-bit color scans into any Amiga format. No additional hardware required. Directly supports all display modes, overscan, and PAL. \$995.00
ASDG/Sharp Electronics, 925 Stewart St., Madison, WI 53713, (608) 273-6585

Sharp JX-300

Scans originals up to 8.5 x 11 with a 300 dpi resolution. This 24-bit color scanner is intended for most business and some high-end applications. For use with Professional ScanLab. \$2345.00
ASDG/Sharp Electronics, 925 Stewart St., Madison, WI 53713, (608) 273-6585

Sharp JX-450

Sharp's color scanner for desktop publishing, slide creation, and other areas demanding high-end image processing. Easy operating, high-quality desktop full color scanner. Provides the

precision quality scanning of a console from a desktop. 300 dpi resolution capacity ensures accurate, detailed images. Scanning of slides and transparencies available with optional mirror. Scanning capacity up to 11 x 17. For use with Professional ScanLab. \$5995.00
ASDG/Sharp Electronics, 925 Stewart St., Madison, WI 53713, (608) 273-6585

◆ Sharp JX-600

Sharp's color scanner for desktop publishing, slide creation, and other areas demanding high-end image processing. Easy operating, high-quality desktop full color scanner. Provides the precision quality scanning of a console from a desktop. 600 dpi resolution capacity ensures accurate, detailed images. Scanning of slides and transparencies available with optional mirror. Scanning capacity up to 11 x 17. For use with Professional ScanLab. \$5995.00
ASDG/Sharp Electronics, 925 Stewart St., Madison, WI 53713, (608) 273-6585

SCIENTIFIC DIGITIZERS AND CONTROLLERS ▼

AQ4882A

The AQ4882A is a full function IEEE-488 (HPIB & GPIB) adapter for the A500, A1000, and A2000 computers. It connects to the Amiga's parallel port and performs all talker, listener, and controller functions. This allows the Amiga to control up to 14 devices, or act as a device in a larger system. Includes drivers for AmigaBASIC, C, and Assembly languages. \$295.00
A.D.I., 3514 Olive Street, Huntington Park, CA 90255, (213) 581-1188

Ameega GPIB

Ameega GPIB is a General Purpose Interface Bus card for the Amiga series. This half-length expansion card performs all of the talker, listener, and controller functions of the GPIB (IEEE-488) protocol. One Amiga can simultaneously control up to 14 of the thousands of GPIB devices on the market. Included is the Command Function Library (ACDA GPIB CFL) which is Manx and Lattice compatible, test application programs and 'C' driver. Now you can control GPIB devices in an intuitive and friendly way using screen buttons, menus, and the mouse. See *Amazing Computing* (Vol 4.11, 1989) for review. \$495.00
ACDA Corporation, 220 Belle Meade Ave., Setauket, NY 11733, (516) 689-7722

Data Acquisition Unit

Turns your Amiga into a sophisticated digital storage scope. Measure and display inputs from millivolts to 50 volts with 1 MHz bandwidth. Display events from microseconds to hours. \$179.95
Datel Computers, 3430 E. Tropicana #67, Las Vegas, NV 89121, (800) 782-9110

DataStation

The DataStation features a 16 channel 12-plexed bit multiplexed Analog(D/A) converters, 32 Digital Input-Output(DIO) channels, and 3 independent counter-timer channels. DataStation also features a highly stable instrumentation amplifier with programmable gain (optional), multiple triggering sources, and on-board digital waveform generation. Data acquisition and process control projects are a snap to develop with the DataStation Data Acquisition System (DAS) software and 'C' source code. Sample application programs and sources are included for each of the DataStation functions. The DataStation includes complete documentation. See *Amazing Computing* (Vol. 4.11, 1989) for review. Configurations from \$475.00 to \$1450.00
ACDA Corporation, 220 Belle Meade Ave., Setauket, NY 11733, (516) 689-7722

DigiScope Plus

A digital storage oscilloscope emulator that works with DataStation and parallel-port digitizers. It has 16 independently controlled waveform buffers, a digital signal processing (DSP) package, a Fast Fourier Transform (FFT) package, and a Digital Filter Design package (option). \$159.95, \$179.95 (with Filters option)
ACDA Corporation, 220 Belle Meade Ave., Setauket, NY 11733, (516) 689-7722

MW-201

General purpose INPUT/OUTPUT card with RS-232 interface. Digitizes 16 analog inputs, provides 14 high-current digital outputs, and one analog output. Uses 6511Q microprocessor and built-in intelligent user interface. \$365.00
Electronic Innovations, 3107 W. Hampden Ave., Englewood, CO 80110, (303) 789-0424

◆ ezAD

Low cost system for monitoring events with your Amiga. Measure, graphically display, and record temperature, pressure, light intensity, etc. No separate power supply required. Connects to second gameport. Does not interfere with parallel or serial port operation. Multitasking software runs from Workbench. Complete hardware and software systems starting at \$79.90 \$79.90
Boone Technologies, P.O. Box 15052, Richmond, VA 23227, (804) 264-0262

SOUND AND MUSIC HARDWARE ▼ DIGITIZERS ▼

AMAS

AMAS is a full-featured 8-bit stereo audio digitizer complete with a full implementation MIDI interface. The digitizer accepts mono or stereo inputs via its line input sockets and is equipped with an extra microphone input socket for direct vocal signal input. \$199.95
MichTron, 3201 Drummond Plaza, Newark, DE 19711, (302) 454-7946

◆ Aegis SoundMaster

Aegis SoundMaster is a sound digitizer that can range from 1 to 56K. The unit comes with left and right input jacks, plus two microphone inputs. A slider bar lets you set sampling volume, while a red overdrive light warns you when input volume is too high. For voice digitizing, SoundMaster has a built-in dynamic microphone and green MIC ON light. Along with a three-foot parallel port connector cable, SoundMaster comes with Aegis AudioMaster III audio digitizing and manipulation software. \$189.95
Oxxi/Aegis, 1339 E. 28th Street, Long Beach, CA 90806, (213) 427-1227

Audio Digitizer

High-quality parallel port digitizer with mic/line level switch, gain, and variable filter controls. Input via two RCA jacks. AUS \$49.95 including P.D. Software.
Phoenix Microtechnologies Pty. Ltd., 18 Hampton Road, Kew, South Australia 5035, 011-61-8-293-8752

FutureSound

Audio digitizer with microphone and editing software. \$175.00
Applied Visions, 1 Kendall Square Ste. 2200, Cambridge, MA 02139, (617) 494-5417

Perfect Sound 3 Adaptor

Adaptor that allows Perfect Sound 3 to be used on an Amiga 1000. \$12.95
SunRize Industries, 2959 S. Winchester Blvd. Ste. 204, Campbell, CA 95008, (408) 374-4962

Perfect Sound 3.0

Use your stereo or a microphone to record your sound in mono or stereo, then use the sound editor to modify the sound. Delete, insert, and play them backwards, faster or slower, graph or

flip record sound. Comes with a library of pre-recorded sounds and C source code. Supports IFF file format and instruments. New version 3.0 includes new software and hardware. English, German, and French versions available. \$99.95
SunRize Industries, 2959 S. Winchester Blvd. Ste. 204, Campbell, CA 95008, (408) 374-4962

Pro Stereo Sound Sampler

High-quality stereo sound at a realistic price. Real-time level meters. Adjustable trigger level. Hi-res sample editing. Variable sample rate and playback. \$99.95
Datel Computers, 3430 E. Tropicana #67, Las Vegas, NV 89121, (800) 782-9110

SoundScape Sound Sampler

Digitize microphone/audio input to produce sampled sounds in Mimetics or IFF format. \$99.95
Mimetics Corporation, P. O. Box 1560, Cupertino, CA 95015, (408) 741-0117

◆ Studio 16 w/ AD1012

A 12-bit sampler card includes Studio 16 software, audio in/out, microprocessor, adjustable low pass filters, SMPTE time code reader. Sampling rates of up to 44.1 kHz, signal to noise ratio of a professional VTR. Perfect for editing video sound tracks. Software allows recording direct to hard disk synchronized with time code, and special effects.
SunRize Industries, 2959 S. Winchester Blvd. Ste. 204, Campbell, CA 95008, (408) 374-4962

◆ Studio 16 w/AD1016

A 16-bit sampler card that includes Studio 16 software, a 56001 DSP, stereo audio in/out, eight times oversampling digital filters, digital I/O for DAT or CD hookup, MIDI I/O and SMPTE In. With the signal to noise ratio of a CD, the AD1016 puts a modern digital recording studio in your Amiga. Studio 16 software allows direct recording to hard disk synchronized to time code, and special effects.
SunRize Industries, 2959 S. Winchester Blvd. Ste. 204, Campbell, CA 95008, (408) 374-4962

SOUND AND MUSIC HARDWARE ▼ GENERAL ▼

AirLink 2.0

The AirLink is connected to the second mouse port and contains an infrared receiver and transmitter. Make pop-up AIR (Amiga Infra Red) screen duplicates of your favorite IR remote controllers. Output for remote-wired IR LEDs. Includes an AIR Window library of LDs, CDs, VCRs, etc. Also includes AmigaVision, Bars & Pipes, CanDo, and ARexx examples. Trigger IR commands from the mouse, menus, hotkeys, timer, CLI, ARexx, MIDI, serial, or the parallel port. \$50.00
Geodesic Publications, P. O. Box 956068, Duluth, GA 30136, (404) 822-0566

◆ Kawai FunLab Music System

A 61-note keyboard with full-size keys, built in stereo speakers, 100 different studio sampled instrument sounds, 100 accompanying rhythms, programmable One Finger Ad Lib feature. It comes with Steinberg FunLAB software, allowing overdubbing and multitrack recording, with music notation display, song lyric display, jukebox feature, optional 'quantize' or error correct, and three demonstration songs. Compact MIDI interface which fits directly into your Amiga serial port, two MIDI cables for connecting the Kawai keyboard to the MIDI interface.
Kawai Australia Pty Ltd, P.O. Box 189, Waterloo, NSW 2017, 011-612-663-0571

MidiA Musicbox

The Musicbox is a 26-voice synthesizer designed to be used as part of a computer-based music system. It matches the color of the computer and easily fits under a monitor. The Musicbox has three synthesis 'engines': FM synthesis—12 voices,

Graphic Arts
Desktop Video
Word Processing
Desktop Publishing
Music
Education
Business & Home Productivity
Programming
Utilities
Entertainment
Miscellaneous Software
Drives
Memory Expansion
Accelerators
Video Hardware
Miscellaneous Hardware
Accessories & Services
Books & Tapes
CDTV
PDS Guide
AMICUS Index
Fred Fish Index
Vendor/Product Registration
AC Back Issue Index
User's Groups
Vendor Information
Product Index by Product
Product Index by Vendor
Category Index
Last Minute Additions

Analog synthesis six voices, and PCM Sample Playback eight voices. There are 480 FM and 480 Analog patches, and 37 percussion samples. Half of the FM and Analog patches are editable through software. The Musicbox instantaneously allocates voices to channels. The 32 Doubles allow the user to combine any to patches at any pitch and velocity offset and treat it as a single patch. The Musicbox stores four drum kits or mapping of external sounds. The built-in computer interface eliminates the need for an external MIDI interface. \$995.00
Marquis Music, 144 Front St. W Ste. 460, Toronto, Ont., Canada M5J 2L7, (416) 595-5498

◆ **NES, Inc. MI-001 MIDI INTERFACE UNIT**
Standard MIDI interface with four MIDI OUT, one IN, and one THRU. It comes with its own power supply. \$94.99
N.E.S. Corp., 4660 SW Flower Place, Portland, OR 97221, (503) 246-9311

◆ **S.A.M. SMPTE Time Code Reader and MIDI Interface**
Features SMPTE to MIDI Time Code Converter with SMPTE in and SMPTE out. Does not tie up Amiga. Comes with own microcontroller to enable the Amiga to continue multitasking. Professional quality features. Works with any MIDI software that supports MYC. One MIDI in and four MIDI out. Serial through-can be controlled by hardware or software. Dedicated microcontroller chip reduces Amiga overhead. 24, 25, 30 and 30 drop frame. Reads and writes Time Code both forward and backward. Handles tape speeds. 25% normal speed to 2x (+20%) normal speed. Features extensive error correction. \$199.00
M.A.S.T. Memory and Storage Technology, Inc., 1395 Greg Street, Sparks, NV 89431, (702) 359-0444

SOUND AND MUSIC HARDWARE ▼ MIDI INTERFACES ▼

AudioLink™
AudioLink™ is a professional 16-bit linear stereo audio processor that boasts 16 voices (8 in stereo), a variable sound sampling rate of up to 50 KHz (100 KHz 2x over sampling in mono), up to 16 megs on-board, and MIDI. AudioLink™ comes bundled with sound editing software with features such as Realtime Playback, Crossfading, and Cut, Copy, and Paste between voices. Invert, Reverse, Looping, and Variable Left and Right Gain. Saves in multiple formats such as AIFF and SAMP formats. For all models of the Commodore Amiga®. Price TBA. Available in July.
Beta Unlimited, 87 Summit Street, Brooklyn, NY 11231, (718) 852-8646

Deluxe MIDI INTERFACE
for the AMIGA 500/1000/2000/3000
Provides input, thru, and two switchable thru/outs for maximum flexibility. Comes with six-foot serial cable and RS232 pass-through. Impact-resistant beige case and cable matches AMIGA's color closely. Summer Special 30% off. \$89.00
Pro-Tronic Systems Ltd., 720 - 6th Street, #227, New Westminster, B.C., Canada V3L 3C5, (604) 290-1631
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ECE MIDI 1000
Musical instrument digital interface. Plugs into the serial port, communicates with MIDI-compatible musical instruments and equipment. Includes RS-232 bypass port. \$64.95
Amazing Computers, 1441 E. Fletcher Ave. Ste. 1450, Tampa, FL 33612, (813) 977-6511

ECE MIDI 500/2000
Musical instrument digital interface. Plugs into the serial port, communicates with MIDI-compatible musical instruments and equipment. Includes RS-232 bypass port. \$64.95
Amazing Computers, 1441 E. Fletcher Ave. Ste. 1450, Tampa, FL 33612, (813) 977-6511

MIDI 1000
A1000 MIDI interface. MIDI IN and OUT. Connects to serial port. \$49.95
Mimetics Corporation, P. O. Box 1560, Cupertino, CA 95015, (408) 741-0117

MIDI 500/2000
A500/2000 MIDI interface. MIDI IN and OUT. Connects to serial port. \$49.95
Mimetics Corporation, P. O. Box 1560, Cupertino, CA 95015, (408) 741-0117

MIDI Gold 500
Musical instrument digital interface (MIDI) for the A500. Features: MIDI IN; 2 MIDI OUT's; MIDI OUT/THRU (switch-selectable); Serial pass-through allows other serial devices to be connected at the same time (switch-selectable MIDI or serial operation). Compact size (4.3x2.3) allows the interface to be connected directly to serial port (no cable required). All metal construction. Two-year warranty. \$79.95
Golden Hawk Technology, 427-3 Amherst Street, Ste. 389, Nashua, NH 03063, (603) 424-0269

MIDI Gold Insider
Musical instrument digital interface (MIDI) for the A2000. Mounts internally without using a card slot. Features: MIDI IN; 2 MIDI OUT's; MIDI THRU; Serial pass-through allows other serial devices to be connected at the same time (switch-selectable MIDI or serial operation). All metal construction. Two-year warranty. \$89.95
Golden Hawk Technology, 427-3 Amherst Street, Ste. 389, Nashua, NH 03063, (603) 424-0269

◆ **MIDI Interface**
Plug into your serial port and use your MIDI keyboard with our Quartet software or your own. Has MIDI in-out cables. \$59.95
MichTron, 3201 Drummond Plaza, Newark, DE 19711, (302) 454-7946

MIDI Transport
The MIDI Transport™ is Passport's professional MIDI interface and synchronizer. The newly improved unit syncs solidly to SMPTE or FSK signals on tape. The unit will operate both as a MIDI interface or as a stand alone MIDI/SMPTE synchronizer. The MIDI Transport is designed in a professional recording environment with multiple MIDI instruments and tape. It can sync to all SMPTE formats or its own variable rate FSK signal, and is compatible with Jim Cooper's PPS-1. Its dual MIDI ports and multiple MIDI outs make it ideal for controlling multiple MIDI devices. The MIDI Transport will run with most existing MIDI software packages. For SMPTE sync you can use software such as PRO 4™, Master Tracks Pro™, and Q Sheet™ that incorporate MIDI Time Code. MIDI Time Code is a new MIDI innovation that lets you express SMPTE information a MIDI messages. It will also support most other software products that sync via MIDI Song Pointer and Direct Time Lock. \$459.00
Passport Designs, Inc., 625 Miramontes Street, Half Moon Bay, CA 94019, (415) 726-0280

MIDI for the Amiga 2000
Standard MIDI IN, 2 MIDI OUT, and MIDI THRU for the A2000. Plugs into RS 232 port. \$49.95
Skyles Electric Works, 231E South Whisman Road, Mountain View, CA 94041, (800) 227-9998

System Integrator



System Integrator is a software/hardware combination that attaches externally to all current AMIGA computers (internally for A500). Developed for cable television companies and interactive multi-media displays, it is also a must for bulletin boards, ray-tracing, scientific or industrial data acquisition and other applications that require the AMIGA to be left running unattended. It will RESET the AMIGA when an error condition, system lock-up or even a complete system crash occurs. System Integrator will have you up and running again in seconds, with no human intervention. The software includes a tool kit to log errors, blank the display or display your own custom message screen.

**PRICE: U.S. \$199.00
CDN \$240.00 + taxes**

MIDI INTERFACES FOR ALL AMIGA COMPUTERS

Our **Deluxe MIDI INTERFACE** is used in many commercial applications and was the first one available for the AMIGA 500. It features one IN, one THRU and two switchable THRU's or OUT's. It also has a serial passthru and a 6 foot serial cable.

**PRICE: U.S. \$ 89.00
CDN \$109.00 + taxes**

We had many requests for a MIDI Interface with no passthru for stage and studio applications. Our **Pro-MIDI INTERFACE** has become a standard. It features one IN, one THRU and two OUT's and a 6 foot serial cable.

**PRICE: U.S. \$64.00
CDN \$79.00 + taxes**

Direct your orders to:

**Pro-Tronic Systems Ltd.
720 - 6th Street, #227,
New Westminster, B.C.
Canada V3L 3C5**

**PHONE: (604) 290-1631
FAX: (604) 524-9384**

While existing stocks of MIDI Interfaces last, deduct 30% on orders prepaid by cheque or money order.

◆ **MIDI for the Amiga 3000**
Standard MIDI IN, 2 MIDI OUT, and MIDI THRU plugs into RS-232 port. \$49.95
Skyles Electric Works, 231E South Whisman Road, Mountain View, CA 94041, (800) 227-9998

MIDI for the Amiga 500
Standard MIDI IN, 2 MIDI OUT, and MIDI THRU for the A500. Plugs into RS 232 port. \$49.95
Skyles Electric Works, 231E South Whisman Road, Mountain View, CA 94041, (800) 227-9998

MIDI for the Amiga1000
Standard MIDI IN, 2 MIDI OUT, and MIDI THRU plugs into RS-232 port. \$49.95
Skyles Electric Works, 231E South Whisman Road, Mountain View, CA 94041, (800) 227-9998

Midimaster
MIDI Interface for all Amigas. Compatible with all leading software. Has MIDI In, MIDI Thru, and 3 MIDI Out ports. Fully opto-isolated. \$59.95
Datel Computers, 3430 E. Tropicana #67, Las Vegas, NV 89121, (800) 782-9110

Model A Interface
MIDI interface for the A500 and A2000. It has one IN, two OUTS, and serial port THRU. \$75.00
Dr. T's Music Software, Inc., 100 Crescent Rd., Needham, MA 02194, (617) 455-1454

Pro-MIDI INTERFACE for the AMIGA 500/1000/2000/3000
Our Pro-MIDI INTERFACE is designed for high performance and maximum reliability with an IN, THRU, two OUTS, and a six-foot serial cable. Impact-resistant beige case and cable matches AMIGA's color closely. Currently used in many professional and commercial locations. Summer special 30% off. \$64.00
Pro-Tronic Systems Ltd., 720 -6th Street, #227, New Westminster, B.C., Canada V3L 3C5, (604) 290-1631
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Trax
Trax is a complete personal MIDI recording studio on a disk. With Trax, you can compose, edit, and playback multi-track recordings of any music imaginable, in your office, classroom, or living room. Trax can get you started in the world of MIDI in a clear and organized way. It's Track Sheet lets you record up to 64 different tracks, live or step by step. Compose and arrange music for anything from a solo performance to a complete orchestra. Add music to multimedia performances or for your own personal use. MIDI is the 'Musical Instrument Digital Interface'. In combination with MIDI instruments and controllers and your personal computer, Trax offers you a whole new world of music making. If you ever wanted to record songs, or be a music producer, now is your chance. Trax is as easy to operate as a tape recorder but offers so much more. On—screen play, record, fast forward, and rewind controls move you through the song. On—screen graphics display song, track, and note information. View the song and see the different parts in time. Zoom in and out to edit. Trax supports Standard MIDI Files and Master Tracks Pro™ files. These file formats provide a wide range of compatibility with other music software programs and products. Trax is compatible with virtually any MIDI synthesizer or other MIDI gear. \$99.95
Passport Designs, Inc., 625 Miramontes Street, Half Moon Bay, CA 94019, (415) 726-0280

SOUND AND MUSIC HARDWARE

▼ SMPTE ▼

The Phantom
The Phantom consists of a hardware module that plugs into the computer's serial port, and software to 'connect' the hardware to other programs. The hardware provides sync input and output jacks,

as well as an auxiliary MIDI output which helps alleviate MIDI data logjams. The sync jacks can read and write all standard SMPTE formats including 24, 25, 30, and 30 non-drop frame. \$299.00
Dr. T's Music Software, Inc., 100 Crescent Rd., Needham, MA 02194, (617) 455-1454

▼ SWITCHERS ▼

Mouse Master
Mouse Master is an innovative switch box that lets you instantly select either your mouse or joystick in Port 1. Also brings out Port 2 to make all ports easily accessible. Requires no separate power supply and comes with a non-detachable double cable that plugs directly into both ports. Custom molded in gray. \$39.95
Practical Solutions, Inc., 1135 N. Jones Blvd., Tucson, AZ 85716, (602) 322-6100

SYSTEM EXPANSION & EXPANSION CHASSIS ▼

◆ **Black Workstation A500**
Replaces the A500 cover, comes with detachable keyboard housing and cables. Gives space on top and on left side for expansions. No soldering. \$320.00
Pre'spect Technics Inc., P.O. Box 670 Station H, Montreal, Quebec, Canada H3G 2M6, (514) 954-1483

◆ **Bodega Bay**
Modular expansion console for the Amiga 500. Provides 4, 100-pin Borro II slots, 3 overlapping IBM XT/AT slots, 3 internal drive bays, and a high wattage internal power supply. Interface with A500 is fully buffered and terminated to assure compatibility. Internal fan cools both computer and console. Integrates existing range of A2000 cards and external peripherals into a single attractive unit. \$429.95
California Access, 130 Knowles Drive, Los Gatos, CA 95030-1832, (408) 378-0340

◆ **Detachable Keyboard A500**
Case to use the A500 keyboard outside the computer. Comes with one flat and one spiral cable. Ideal to build for the Amiga 500 in any PC/AT Tower. No soldering. \$98.00
Pre'spect Technics Inc., P.O. Box 670 Station H, Montreal, Quebec, Canada H3G 2M6, (514) 954-1483

EXP-1000
1MB, internal RAM board for the A500, w/1MB. \$199.00
Progressive Peripherals & Software, 464 Kalamath St., Denver, CO 80204, (303) 825-4144

Impact EXT
GVP external hard drive case allows room for two 5.25-inch, half-height hard drives. Includes internal power supply, mounting hardware and SCSI extension cable. \$249.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
please see display ad inside front cover

Kickstart Swap Board
Small add-in board allowing switching between two Kickstart ROMs. Switch can be mounted anywhere on case. System requirements: A500, A2000. AUS \$30.
Phoenix Microtechnologies Pty. Ltd., 18 Hampton Road, Keswick, South Australia 5035, 011-61-8-293-8752

Kickstart in ROM
Modification which includes four EPROMS—we can use any Kickstart you provide, allows booting directly from ROM. Also adds 256K to available memory. AUS \$70 in kit form.
Phoenix Microtechnologies Pty. Ltd., 18 Hampton Road, Keswick, South Australia 5035, 011-61-8-293-8752

Meta4/500 Memory Expansion Chassis
Meta4/500 is available as a RAM-only expansion chassis for A500 users. This configuration places a Meta4 board in a Trumpcard 500 chassis allowing the user to add memory to the system without a hard disk drive and Trumpcard controller installed. A second slot is included for later installation of a Trumpcard disk controller and a hard disk drive if desired. Configurations are 512K, 1MB, 2MB, and 4MB. \$269.95
Interactive Video Systems, 7245 Garden Grove Blvd. Ste. E, Garden Grove, CA 92641, (714) 890-7040

MultiFunction Module
Daughterboard for the StarBoard2. Supports Motorola 68881 Math Chip as an I/O device. Provides battery-backed real-time clock; parity checking logic; and Sticky Disk hardware-protected memory disk \$90.00 and up. \$89.00
MicroBotics, Inc., 1251 American Parkway, Richardson, TX 75081, (214) 437-5330

◆ **Naked**
Bare bone expansion port connector for A500 and A1000 which expand the computer to one true A2000 Zorro II slot. Allows to use some well-known SCSI interfaces from A2000. \$79.00
Pre'spect Technics Inc., P.O. Box 670 Station H, Montreal, Quebec, Canada H3G 2M6, (514) 954-1483

Phoenix Board
Replacement Motherboard for the Amiga 1000, with 2MB onboard RAM (1MB Chip), 1MB Agnus, A2000 Expansion Slot, A2000 Video Slot, AutoBooting SCSI port and software, Kickstart Swap Switch, Kickstart V1.3 fitted with sockets for up to four Kickstarts on the Motherboard (including V2.0), full ECS support, floppy drive swap switch, 68881/882 socket. Optional 8MB internal RAM board, 52MB Quantum hard drive mounted inside the original case. PAL or NTSC versions available. AUS \$945.00 complete. No soldering required to fit. Phone, fax, or write for more information.
Phoenix Microtechnologies Pty. Ltd., 18 Hampton Road, Keswick, South Australia 5035, 011-61-8-293-8752

Rejuvenator
For the A1000, the Rejuvenator offers compatibility for the ECS Agnus as well as the ECS Denise, 2.0 ROM and a video port as in the A2000. Also adds battery-backed clock. Requires 1 meg of memory (256Kx4-08) \$419.95
Expert Services, 5912 Centennial Circle, Florence, KY 41042, (606) 371-9690

◆ **SubSystem/SCSI**
An external chassis and power supply for all Advanced Storage Systems' high performance SCSI peripherals. The external chassis accommodates one full-height or two half-height SCSI devices. The SubSystem/SCSI provides the flexibility to easily share SCSI peripherals with other computers. The SubSystem/SCSI includes a durable chassis, 60 watt power supply, internal wiring for 2 SCSI devices, and a cable to connect it to the 25 pin external connector on the Nexus HardCard/SCSI/Memory card. \$225.00
Advanced Storage Systems, (d/o. of Preferred Tech., Inc.), 14540 E. Beltwood Pkwy, Dallas, TX 75244, (214) 702-9191

The Bomac Tower
A rugged, all metal floor mounted tower enclosure designed to house A2000 computers. No permanent electrical or mechanical modifications to the original unit are required for installation. External front access to three 5.25-inch and five 3.5-inch drives. Features include front mounted AC line and auxiliary power supply switches, power-on lamp, 3 user configurable indicator LEDs, full side/top access, and rear mounted mouse/keyboard sockets. Accepts second power supply. \$319.95
BOMAC, 612 Webster St., Bay City, MI 48708, (517) 893-3848

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Last Minute Additions

◆ ToolBox 500

This three-slot expansion card cage for the A500 allows you to use most A2000 cards on your Amiga. It is designed to accept and power an 8MB memory board, SCSI hard card and the Bridgecard. All cards can then be used in an A2000. The ToolBox features room and brackets for a 5.25-inch drive, mounting for an optional fan, 40-watt cool running switching power supply, buss pass through, front panel hard drive activity and power light and on/off switch. Available July 1991. \$279.95
Expansion Systems, 44862 Osgood Road, Fremont, CA 94539, (415) 656-2890

▼ TRANSPUTING ▼

Megalink 01 Transputer Board

Very flexible RAM configuration (from 256K to 32MB). You can upgrade the RAM step by step according to your own personal needs. Gives you up to four transputers, each with up to 4 MB RAM and up to 60 MIPS/9MFLOPS. 1 to 4 MB with/without Link-Interface. 3699 to 6999 Duetschemarks.

Advanced Computer Design, Carl Schurz-Str.11, D-2800 Bremen 1, West Germany, 011-49-421-349-9517

Megalink 02 Video Transputer Board

Comes with one T800 (20, 25, or 30 MHz and 1 to 8 MB) and up to 2 MB Video RAM gives you all the colors needed for computer graphics. 800 x 600 pixels 50 Hz non-interlaced with 16.7 million colors IFF adapter and driver for popular ray-tracing packages available now! 1 MB RAM and 1 MB Video RAM. 6499 Duetschemarks.

Advanced Computer Design, Carl Schurz-Str.11, D-2800 Bremen 1, West Germany, 011-49-421-349-9517

Megalink 03 Transputer Board

Very flexible RAM configuration (from 256K to 32MB). You can upgrade the RAM step by step according to your own personal needs. Includes one T800 Transputer board. 1 to 4 MB with/without Link-Interface. 3699 to 6999 Duetschemarks.

Advanced Computer Design, Carl Schurz-Str.11, D-2800 Bremen 1, West Germany, 011-49-421-349-9517

The SANG Transputer Board

New dimensions in microcomputer parallel processing boards designed with 32-bit RISC parallel architecture transputers guarantee that up to 4 instructions are executed within 1 processor cycle per board. T800 chips are available at operating speeds of 20 MHz, 25 MHz, or 30 MHz. Each T800 includes 4KB of extremely fast internal static RAM (50, 40, or 33ns cycle-time) permitting fast access of frequently used data and code without wait states. Ability to freely interconnect an unlimited number of additional transputer boards, the video graphics transputer, SANG parallel memory boards, and the INMOSB004 prototyping board. Available software development tools include Parallel C, Parallel Fortran, Parallel Pascal, Transputer-Assembler TASM 2, OCCAM compiler/server OCS, and the HELIOS operating system. For special purposes it is also possible to construct systems with hybrid structures such as pipelines or trees. Message routing algorithms can be developed for use in large networks. Price unavailable.

Digital Animation Productions, 10 Thatcher Street Ste.116, Boston, MA 02113, (617) 720-2038

Video Graphics Transputer

High-end transputer-based graphics and video system. Provides fast hardware image manipulations such as zoom for applications ranging from computer arts and video to scientific visualization. Software-selectable resolutions range from

512x512 to 8192x8192 (max. display 1280x1024). High drawing speeds can be obtained by the use of either 1 or optionally 2 megabytes of dedicated video RAM accessible by both the T800 and the G300 Color Video Controller. Optional cascaded video digitizer with a resolution of 800 x 600. Graphics libraries are included. CAD software and utilities for texture mapping to wire frames available upon request. The video graphics transputer is an independent board, but linkable to the SANG transputer for the A2000 or IBM AT compatibles. Higher performance can be achieved by connecting additional SANG transputer boards. Price unavailable.

Digital Animation Productions, 10 Thatcher Street Ste.116, Boston, MA 02113, (617) 720-2038

▼ MISCELLANEOUS ▼

APS - 500

Replacement power supply for the A-500 computer. Specs: 5 Volts at 8 amps, +12 volts at 2 amps, -12 volts at 0.5 amps with spike protection & RFI filtering \$99.95

Micro-Dyn Inc., 2011 S. Washington, Wichita, KS 67214, (316) 265-2661

ARM-1000

The ARM-1000 is a pass-through device which can be fitted with both 1.3 and 2.0 KickStart ROMs allowing Amiga 1000 owners to boot under either operating systems. Additionally, with a simple hardware modification, users can also gain an extra 256K of system RAM that would otherwise be unavailable. One-year warranty. Price is \$114.00 Canadian.

Comspec Communications, 74 Wingold Ave., Toronto, Ontario, Canada M6B 1P5, (416) 785-3553

Action Replay

A utility cartridge for the Amiga 500. Action Replay plugs into your expansion port and allows you to simply freeze just about any program. The program in memory can then simply be saved to disk. Use the special infinite life/fuel/ammo generator for most any game. A powerful machine code freezer monitor with many other features. \$99.00

Coast To Coast Technologies, 1855 W. S.R. 434 # 208, Longwood, FL 32750, (407) 767-0779

BIGFOOT 150 Power Supply

The ultimate Amiga 500 power supply. Dual switching, fan cooled, 150 watt. Provides five additional hard/floppy connections. Accepts AC input voltages from 90-132 or 180-269 volts at frequencies from 47 to 63 Hz. FCC, UL and C.S.A. approved. 1-year warranty. \$129.00

Micro R & D, Div of Applied Technologies, Inc., 137 N. 7th Street, Loup City, NE 68853, (308) 745-1243

Battery Backup System (BC-series)

BC-450 Battery Backup System provides 450 VA of emergency power in the event of a blackout. Surge and brownout-protected. Line/Battery power indicator lights and audible alarm. Provides 21 minutes of backup at 1/2 load and 8 minutes at full load. MADE IN U.S.A., 2-year warranty. RFI/EMI-protected. Also available in 250 to 5000 VA, as well as LAN-specific and true on-line UPS models. \$399.00

Tripp Lite, 500 N. Orleans, Chicago, IL 60610-4188, (312) 329-1777

Blinky™ SCSI device monitor

Monitors SCSI communications bus and tells you when your Amiga talks to hard drive, tape backup system, Bernoulli box, or any SCSI device hooked to computer. Also tells you when conversations take place between various devices on the SCSI bus. LED indicators not only let you know

which of your SCSI devices are communicating, but also when they are active. \$74.95
CSA/Computer System Assoc., 7564 Trade St., San Diego, CA 92121, (619) 566-3911

◆ BrainStorm Atari Emulator

Software/hardware combination. Runs approx. 98% of all Atari software. Including MIDI support. Even emulates Atari keyboard click. Runs all programs except direct DMA or program the MFP. Supports 8MB fast RAM, 2MB chip RAM, all ST resolutions including color. Full page monitor emulation scrolling. Amiga serial and parallel ports. All Amiga drives dfo: to df3, simultaneously. Two ST's at the same time in one Amiga. Text is faster than ST (120%), disk (108%). Hardware sockets for Atari ROMS. \$99.00
M.A.S.T. Memory and Storage Technology, Inc., 1395 Greg Street, Sparks, NV 89431, (702) 359-0444

Eprommer

Eprom programmer for 2716 through 27512, 27513, 27011 for standard, A, and CMOS parts. You can read proms as well as save to disk. \$149.95

Datel Computers, 3430 E. Tropicana #67, Las Vegas, NV 89121, (800) 782-9110

HD-150

Replacement power supply for the A500 features 150 watt power supply, short-circuit protection, internal mounted fuse, on/off switch, and a full one-year warranty. \$129.95

Computers, Etc!, 4521-A Bee Ridge Road, Sarasota, FL 33583, (813) 377-1121

HD-150 DL

Replacement power supply for the A500 features 150 watt power supply, short-circuit protection, internal mounted fuse, on/off switch, three switched a/c accessory outlets with their own fuses, internal cooling fan, and a 5-pin external connector. The HD-150 DL also comes with a full one-year warranty. \$179.95

Computers, Etc!, 4521-A Bee Ridge Road, Sarasota, FL 33583, (813) 377-1121

ISOBAR® Surge Suppressor, IB6-GS

The IB6-GS Surge Suppressor is UL listed for UL1449 (330 Volt-let-through) and UL 1283 (electromagnetic filter). Six outlets divided into 3 isolated filter banks prevent connected equipment from interacting with each other, while 'Cascade Circuitry' allows you to choose the level of protection needed. Features a rugged metal case, 6' line cord, circuit breaker, and illuminated on/off switch. \$99.95

Tripp Lite, 500 N. Orleans, Chicago, IL 60610-4188, (312) 329-1777

Keyboard Adapter

Plug adapter which allows the use of an A2000 keyboard on the A1000. \$24.95

Advanced Integration Research, 3006 North Main Street, Logan, UT 84321, (801) 752-2501

Light Writer Overhead Projection System

Overhead projection system that includes stylus-driven pad for overwriting/enhancing projected video. Ideal for corporate training and educational settings. Call for information.

Mr. Horan's Computer Lab, 12338 Shelbyville Road, Louisville, KY 40243, (800) 274-8446

MW-738 A500 Power Supply

Advanced dual switching design isolates the 110V AC from the computer with a heavy-duty transformer providing high-output performance, less heat build-up, and reduced risk of burnout. Output: 5V DC @ 5 amps, +12V DC @ 2 amps, -12V DC @ .25 amps. Includes three AC outlets. \$129.95

Micro R & D, Div of Applied Technologies, Inc., 137 N. 7th Street, Loup City, NE 68853, (308) 745-1243

MultiStart II

Allows A500 and A2000 owners to install multiple Kickstart ROMs in their computer. Lets you install Kickstart v2.0 and v1.3 and switch between them with the keyboard. This is the easiest way to upgrade to 2.0 and still stay compatible with your software that only works under 1.3. Can also install a third ROM. No external wires or switches required. \$99.95
DKB Software, 832 First Street, Milford, MI 48042, (313) 685-2383

◆ Polaroid CI 3000 Drivers

The CI-3000 Driver allows Art Department Professional to completely control every aspect of the Polaroid CI-3000 digital film recorder. The CI-3000 uses 33 bit-per-pixel recording precision to provide repeatable and accurate full color output on 35mm film and on prints up to 4 x 5 inches in size. The CI-3000 can resolve up to 2000 x 1500 full color dots on a single image. Use the CI-3000 for proofing, story boarding, or for professional quality slides. Requires Art Department Professional and a Polaroid CI-3000 digital film recorder. \$200.00
ASDG, Inc., 925 Stewart St., Madison, WI 53713, (608) 273-6585

◆ Polaroid CI-3000

The Polaroid CI-3000 is a purely digital film recorder which uses 33 bit-per-pixel recording precision to achieve stunning accuracy and repeatability. The CI-3000 comes with camera backs for 35mm film, instant autofilm prints, and instant peel-apart prints and transparencies. It is completely integrated into ASDG's Art Department Professional using the CI-3000 Driver including the ability to print to film automatically via AREXX. Requires Art Department Professional and the CI-3000 Driver. \$4495.00
ASDG, Inc., 925 Stewart St., Madison, WI 53713, (608) 273-6585

Robotarm

Full-function five axis movement can manipulate small objects with amazing human-like dexterity. Comes with finger jaws, shovel scoop, magnetic attachment, and two joysticks. \$89.95
Datel Computers, 3430 E. Tropicana #67, Las Vegas, NV 89121, (800) 782-9110

SA SCSI Adaptor WB1.3 Upgrade Kit

As with Commodore's release of the AmigaDOS 1.3 Enhancer, Comspec has continued support of the Amiga family of products with the SA SCSI adaptor WB1.3 Upgrade Kit. This kit enhances the SA1000 with a new version of the firmware and software that gives you new features such as: partitioning, FFS support, high-capacity removable media, and a custom partition. The kit includes new firmware, software, and full instructions. Allows the SA1000 to Autoboot procedure. This method allows the user to boot from a floppy disk placed in drive DF0: without having to toggle any switches as in Comspec's propriety method. \$39.95 Canadian.
Comspec Communications, 74 Wingold Ave., Toronto, Ontario, Canada M6B 1P5, (416) 785-3553

◆ Scannery

Scannery is a software/hardware package that interfaces the HP ScanJet series of flatbed scanners. High quality images may be scanned in resolutions from 12 to 1500 dpi in black and white, four dither patterns, or in 16 or 256 greyscales. The images can be saved in a rich variety of formats for inclusion in any desktop publisher on most computers, or faxed out through the AEFax/modem. It features ease of use and installation. \$250.00
Concise Logic, 36 Tamarack Ave., Ste. 315, Danbury, CT 06811, (203) 746-6739

◆ SwitchStart

Adapter board which plugs into the KickStart ROM socket that enables the user to switch between two versions of KickStart (for example 1.3 and 2.0). Works in A2000, A500, and A1000 with Rejuvenator installed. Also has a jumper to enable A500s with Rev 5 motherboards to use the new 2.0 KickStart. \$59.95
Expert Services, 5912 Centennial Circle, Florence, KY 41042, (606) 371-9690

◆ Symposium

Voice mail plug-in card for Amiga 2000/2500 series. Simulates answering machine, call forwarding, voice-mail boxes, Touch Tone remote computer control, Touch Tone walk through menu/information manager from remote phone, remote Touch Tone I/O control/monitor, Amiga text reading speech to a remote phone. Requires A2000/2500 series with 1MB RAM and hard drive. \$199.00
Pacific Digital, 13552 Portsmouth Circle, Westminster, CA 92683, (714) 373-4112

TACH 25

Hardware/software system for archiving software. High speed duplication works with two to four drives. Copy up to 81 tracks. Duplicate non-Amiga formats. \$89.95
Datel Computers, 3430 E. Tropicana #67, Las Vegas, NV 89121, (800) 782-9110

◆ The Bit Knitter

A computer-knitting machine interface which allows you to design in a paint program on the Amiga and download the design to an electronic knitting machine. Watch the progress of the design as you knit. The manual instructions are written for DeluxePaint although other programs may be used. The following knitting machines are supported: Studio/Singer, Brother/Knitting, and Passap Electronics. \$499.99
Cocheville Computer Knit Products, Inc., P.O. Box 4276, Encinitas, CA 92024, (619) 942-1957

▼ CD-ROM ▼

◆ CA*650

The CA*650 CD ROM software driver supports the ISO 9660 standard for CD ROM interchange and allows the use of IBM and Macintosh ISO discs on your Amiga. It's compatible with all CD ROM drives that support the SCSI standard and Amiga hard disk controllers that support the SCSI direct standard. It comes complete with DiskChange capability. Support for standard audio CD's is included as well. Access up to 650MB of information on a single CD.
California Access, 130 Knowles Drive, Los Gatos, CA 95030-1832, (408) 378-0340

CDROM-FS

CDROM-FS enables Amiga owners to connect most SCSI CD ROM drives to an Amiga with a SCSI interface. This software provides support for industry standard ISO 9660/High Sierra format CD ROM discs. It comes with clear, concise instructions, making it easy to install and use. \$49.95
HyperMedia Concepts, Inc., 5014 Campfire Lane, Racine, WI 53406, (414) 632-3766

◆ CDx-650E

External CD-ROM drive system (5.25-inch format) in its own enclosure. Includes SCSI cable and utility disk plus Xetec's 'Fish & More' Vol.1 CD-ROM with over 300 meg of PD software including the Fred Fish library (up to #370) and disc caddy. Also plays conventional audio CD's. \$699.00
Xetec, Inc., 2804 Arnold Road, Salina, KS 67401, (913) 827-0685

◆ CDx-650i

An internal CD-ROM drive system (5.25-inch format) for the A2000/2500 including audio ribbon cables and utility disk. Also includes the same disc caddy and CD-ROM. 'Fish & More' as

the CDx-650E model and plays conventional audio CD's. \$599.00
Xetec, Inc., 2804 Arnold Road, Salina, KS 67401, (913) 827-0685

Diamond Store 600

Continuous read/write 600 meg CD optical drives. Compatible with AmigaDOS and fast file system. 22ms access time. Internal and external available. Comes with cartridge, cable, and software. \$2999.95
TTR Development, Inc., West Towne Office Center, 6701 Seybold Rd. Ste. 220, Madison, WI 53719, (608) 277-8071

◆ Fish & More Vol. I

Vol.1 CD-ROM only with over 500 meg of PD software including the Fred Fish library (up to #370). \$49.95
Xetec, Inc., 2804 Arnold Road, Salina, KS 67401, (913) 827-0685

◆ Fish & More Vol. II

Vol. II CD-ROM only with over 150MB of PD software including the Fred Fish library disks #371-#470. This data appears as both compressed disks (for BBS use), and sorted (for local use). \$49.95
Xetec, Inc., 2804 Arnold Road, Salina, KS 67401, (913) 827-0685

◆ MOx-600

Re-writeable Ricoh 600 meg Magneto-Optical Drive. Complete system includes enclosure, power supply, fan, and one cartridge. \$3600.00
Xetec, Inc., 2804 Arnold Road, Salina, KS 67401, (913) 827-0685

◆ ROD-5602 F/T

Extra cartridges for MOx-600. \$229.00
Xetec, Inc., 2804 Arnold Road, Salina, KS 67401, (913) 827-0685

The Fred Fish Collection CD ROM

This CD ROM contains the entire 470+ disk collection of freely distributable software compiled by Fred Fish. The collection is on the disc in both its original format and in ZIPPED format making CD ROM ideal for use with most BBS systems. The disc will be updated every four months at a cost of \$29.95. Subscriptions available. Compatible with all ISO 9660 CD ROM drives and CDTV. Keyboard, mouse and RGB monitor required. \$69.95
HyperMedia Concepts, Inc., 5014 Campfire Lane,



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▼ ACCESSORIES/WORKSTATIONS ▼

◆ Chromalux

Distributor of complete line of long-life, full spectrum (sunlight-simulating) incandescent, fluorescent, and halogen lights. Chromalux bulbs relieve eye strain, fatigue, and SAD (seasonal depression), show true color and increase productivity. Chromalux bulbs fit into standard lamps and fixtures, and are available in all popular sizes and styles. Free catalogue.

Westgate Enterprises, 11988 Wilshire Blvd., Ste. 104, Los Angeles, CA 90025-6608, (213) 478-1954

Computer Coverup, Inc.

Computer Coverup, Inc. has added more than 200 new models to its wide line of attractive clear vinyl dust covers. For further information on Computer Coverup's dust covers and other products, contact the company.

Computer Coverup, Inc., 2230 S. Calumet, Chicago, IL 60616, (312) 326-3000

Covergear

A new deluxe series of nylon dust covers that span virtually the entire range of computers, keyboards, printers, and monitors. Covergear is silver with coordinated blue piping. Features drawstring that secures and shapes cover snugly, a special built-in stuff sack that allows for neat, convenient storage. Water-resistant, stain-resistant, anti-static nylon. Contact company for price quote.

Computer Coverup, Inc., 2230 S. Calumet, Chicago, IL 60616, (312) 326-3000

◆ Floppy Disk Holder

Disk holder mounts to front or side of 1000, 2000, 2500, 3000 Amigas. Keeps your disks off the table and within easy reach. Stackable. Black acrylic. Write for information.

Victor Osaka, 1341 Ocean Ave. #349, Santa Monica, CA 90401

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Clear, frosty, high-quality, sewn, custom dust covers for computers, printers, and most peripherals.

Great Cover-ups, P. O. Box 751, Oregon City, OR 97045, (503) 655-0602

◆ Keyboard Wrist Rest

AliMed's new extension Wrist Rest can be used with those keyboards that come to the very edge of the desk or keyboard stand. An extension plate slips under the keyboard and is held in place by the supplied Velcro attachments. Tingling fingers, tired wrists, and associated pain can be eliminated with Keyboard Wrist Rests. Wrist Rests can help avoid wrist stress by holding the wrist in a more natural, strain-free position. Available in three sizes: half-inch, one-inch, and two-inch. \$19.95

AliMed, 297 High Street, Dedham, MA 02026, (800) 225-2610

Leather Mouse Pad

9-inch x 10.5-inch, hand-made from quality leather, in three grades: high traction for precise operation, such as drawing, normal traction for normal operation, and low traction for fast movements, such as games. Provides a smooth, natural surface to extend the life of your mouse and allows you better control and ease in the operation of your mouse. \$19.95

Vega Technologies, 2302 D Avenue Ste. 104, National City, CA 92050, (619) 477-5887

MONITOR STAND

Monitor stand for the A500. Extra strong (solid 0.75-inch kiln dried oak or pine). Extra wide (26-inch W X 11-inch D X 5.75-inch H). It is very durable, clear, and with a satin finish. Mail orders: Pine \$32.26/ea, Oak \$38.42/ea.

CompuTerm Company, P.O. Box 77, Oakhill Road, North Bridgton, ME 04057, (207) 647-8115

MS-500 Monitor Stand

Fits over the back of the Amiga 500 to provide a place to set the monitor. Ideal for today's multimedia presentations and demonstrations. Hides all of the A500's cables and makes for a very professional display. \$35.95

Micro R & D, Div of Applied Technologies, Inc., 137 N. 7th Street, Loup City, NE 68853, (308) 745-1243

Mouse Tune

Mouse Tune is a universal mouse cleaning tool for use with virtually all computer mouses.

T.S.R. Hutchinson, 110 W. Arrowdale, Houston, TX 77037, (713) 448-6143

Mouse Wash 2500

A specially designed acrylic ball that has a texture design to grab the dirt and grime build-up on the rollers without scratching them. Needs no chemicals that may damage your mouse. \$7.95

T & L Products, 2654 Wilson Street, Carlsbad, CA 92008, (619) 729-4020

PANIC button

So when the phone won't stop ringing and the boss is in a bad mood, just push the Panic button. The bright red computer key is imprinted with the word 'Panic.' The button's adhesive backing allows it to mount easily on any computer or typewriter keyboard, so it will always be handy when the day reaches a frustrating level. Buttons are available for \$1.00 plus a self-addressed, stamped envelope.

Memory Makers, 3024 Haggin Street, Bellingham, WA 98226, (206) 734-9506

Rat-Pad!

A mouse pad that is 10-inch x 12-inch. Gives your mouse room to roam. \$11.95

T & L Products, 2654 Wilson Street, Carlsbad, CA 92008, (619) 729-4020

Stereo Audio Speakers (A10)

Stereo Audio Speakers with built-in amplifier for attachment to the audio outputs of the Amiga. \$39.00

Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

The Ergotron Design Station

Free-standing design station rescues valuable desk space. Place the CPU on the adjustable shelf, which can be adjusted six inches vertically. Suspend the monitor above the desk using the workstation's hydraulic Radial Arm, which provides 20 horizontal, 20° tilt, and 360° rotation. Models in 25-inch and 30-inch widths, and 64-inch, 70-inch and 78-inch heights.

Ergotron, 3450 Yankee Drive Suite 100, Eagan, MN 55121, (800) 888-8458

The Ergotron Workstation Suspended Radial Arm Computer

Workstation designed to save valuable work space by suspending the monitor and processor above the work surface. Provides shelf for the processor and a radial arm that suspends the monitor above the desktop. The pivoting arm lets the user adjust the monitor to any position and provides a six vertical adjustments, 20° tilt, and 360° rotation with the touch of a hand. Models in 25-inch and 30-inch widths, and 64-inch, 70-inch, 78-inch heights.

Ergotron, 3450 Yankee Drive Suite 100, Eagan, MN 55121, (800) 888-8458

◆ Universal Mouse/Joystick Switch

Allows two devices to be plugged into the same mouse/joystick port. Then either device can be used at the flick of a switch. Works on all computers including Amiga. Since all lines are switched, it is safe to connect and disconnect devices with the computer on. \$29.95

Micro R & D, Div of Applied Technologies, Inc., 137 N. 7th Street, Loup City, NE 68853, (308) 745-1243

VDS120

Vertical disk storage unit, large capacity, wall-mountable, organizing compartments. Holds over 120 3.5-inch disks. \$29.95

Vertical Solutions, P. O. Box 7535, Olympia, WA 98507, (800) 942-4008

VDS240

Vertical disk storage unit, large capacity, wall-mountable, organizing compartments. Holds over 240 3.5-inch disks. \$49.95

Vertical Solutions, P. O. Box 7535, Olympia, WA 98507, (800) 942-4008

Video-Link

Remote control for VIVA II with ARexx interface. Add the capabilities of interactive video to your favorite software program. Video-Link provides control of laser disk players either through Workbench or ARexx interface. Extend AmigaVision and CanDo abilities to include Control of consumer laser disk players. \$49.95

MichTron, 3201 Drummond Plaza, Newark, DE 19711, (302) 454-7946

25.00 each Animated Actions
2 Disk Volume \$28.00

TITLER SET = Backdrops - \$79.95
WEDDING SET = 6 Disks - \$49.95
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BIX is short for BYTE Information Exchange, the online service for people who know computers. BIX hosts a growing number of special-interest exchanges—such as Amiga exchange, the meeting place of Amiga users and developers from around the world—and BIX is the official home of Commodore Amiga Developers. In addition to our Amiga coverage, you'll find BIX covers specific hardware and their applications, software, programming languages, and operating systems. A BIX subscription also gives you access to software libraries containing thousands of downloadable programs, an up-to-the-minute industry news service, the text of BYTE magazine before its in print, private E-mail with binary-file capability, UNIX mail, and product-support conferences from more than 100 hardware and software vendors, and games and leisure activities. Subscription is for one-year (telecommunications not included). \$156.00

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Computer Club Co., The, 13013 Lee-Jackson Highway, Ste. 142, Fairfax, VA 22033, (703) 968-7588

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TeleGraphics International Tape III:

Digitizing For Effect

Instructional VHS videotape, approx. 50 minutes. Covers hook-up and set-up of Amiga and NewTek's Digi-View Digitizer and Digi-Droid. Explains how digitizing works, shows examples of cameras, various equipment hook-ups plus tips on lighting, how to select good images, and applying digitized images to video production. Direct on-screen comparison of live image versus digitized HAM image and HAM versus IFF. \$39.95
TeleGraphics International, 605 Dock Street, Wilmington, NC 28401, (919) 762-8028
please see display ad page 23

Graphic Arts
Desktop Video
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Vendor/Product Registration
AC Back Issue Index
User's Groups
Vendor Information
Product Index by Product
Product Index by Vendor
Category Index
Last Minute Additions

TeleGraphics International Tape IV: Amiga Hard Drives: The Complete Guide
Covers available options when selecting and installing hard drives, including third-party, and Commodore controllers. Explains partitioning, formatting, and bridgeboard hard drive options too. Helps organize and customize your hard drive for your special needs and also gives tips and techniques. This tape comes with a free utility/set-up 3.5-inch disk. \$49.95
TeleGraphics International, 605 Dock Street, Wilmington, NC 28401, (919) 762-8028
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◆ The Amiga Primer

This video provides step-by-step instructions covering the many features of the Amiga. Gain the full benefits that the Amiga has to offer with this simple, quick, and thorough 90-minute video. Includes information on all Amiga models, System 2.0, and AmigaVision. \$29.95
IDG Communications, 80 Elm St., Peterborough, NH 03458, (603) 924-0100

◆ The Musical Amiga

The Musical Amiga teaches the Amiga user how to create a simple tune or more complex musical works. This 60-minute video contains intensive sessions on MIDI systems, including sequencing, editing and synthesizing. \$29.95
IDG Communications, 80 Elm St., Peterborough, NH 03458, (603) 924-0100

Video Toaster Training Volume One

First in a series of VHS instructional tapes on NewTek's new Video Toaster. Covers the many features of the Toaster and instructs the viewer how to use these features in video production and editing. Vol. One covers hardware requirements, production switcher operation, digital effects tips and techniques, character generator program, frame store application, luminance keying, and chroma effects. \$49.95
TeleGraphics International, 605 Dock Street, Wilmington, NC 28401, (919) 762-8028
please see display ad page 23

▼ VIDEOTAPES/VIDEO ▼

◆ Amiga Video Backgrounds 1

Now you can have broadcast quality video backgrounds. We have put together a collection of quality video designs to be used with any Amiga program, Video Toaster, Frame Store, genlock overlay, or texture mapping. You will be presented with a tape of graphic designs, stills, textures, scenes, borders, etc. Remember, time is money and we save you both! Available on videotape or Amiga disk format. Call or write for more information or our sample tape. \$39.95
Action Graphics, 4725 Dorsey Hall Dr., Ellicott City, MD 21043, (301) 992-0749

Amiga Video Magazine

Amiga Video Magazine is an action-packed hour of infotainment. Following a slick yet homespun magazine format, viewers are treated to tutorials, reviews, interviews with developers and users, animations, a video art gallery, and news announcements on a television show that uses the Amiga in every facet of its production. AVM can be seen by over five million satellite dishes every month, and is also available via subscription on videocassette and from Amiga dealers.
Amiga Video Magazine, 200 W 72nd St., Ste. 53, New York, NY 10023, (212) 724-0288

BACKGROUNDER: The Videotape

Broadcast-quality background on videotape to be used with Amiga to overlay graphics and titling. From weddings to hi-tech industrial applications. Every background has its own distinctive music. Available tape format: 8mm video/VHS/S-VHS/3/4 U-matic and U-matic SP. Price unavailable.

Philadelphia Video Lab, Inc., 338 Winding Way, Merion, PA 19066, (215) 664-4955 serv

◆ DTV.101

This one-hour, VHS instructional tape leads you through desktop video production step-by-step. It begins with targeting the audience and developing the concept, moves through scripting and other preproduction stages, and then through production and postproduction, duplication, packaging, and distribution. In addition to the tape, purchasers receive a package of production forms helpful to proper organization and efficient production of their video projects. \$49.95
BullsEye Publishing Co., Buffalo Theater Bldg., Spring Street, Jasper, AR 72641, (501) 365-3055

◆ Desktop Video and the Amiga Computer

This video tape is designed to introduce viewers to the tools and technology of desktop video. The two-hour tape provides viewers with useful information on setting up and using a desktop video system to create their own professional video productions. It includes sections on selecting computer hardware, software, interfacing with a genlock, and setting up a low-cost studio. Video reviews and examples of video output from popular desktop video software programs including character generator, titling, paint, animation, digitizing, and 3-D software is included. \$30.00
Group M Productions, 100 Bridge St. #27, Hot Springs, AZ 71901, (501) 321-1845

◆ Helpful Lightwave Hints

Instructional video provides help for Lightwave 3-D. Two part tape features a behind the scenes look at the creation of a TV commercial, and a 60 minute reference guide to surfaces. Includes disk of objects and fonts. Requires VHS. \$39.95
3 Leaf Productions, 500 Lake Marina Drive, Suite #214, New Orleans, LA 70124, (504) 288-5644 voice

◆ NewTek's VideoToaster: The Ultimate Guide: Volume One

Latest from the Amiga Professional Tutorial series, a detailed step-by-step guide to setting up and using the VideoToaster. Shows how to install in the Amiga and load software. Provides clear, concise explanation of basic video theory. Explains different system configurations. Extensive tutorial on using the switcher, digital video effects, framestore, luminance key, chroma f/x, character generator, and hints and tips. Includes disk of Toaster fonts. Requires 2000HD, 7MB RAM and accelerator card. \$49.95
CP Productions, P.O. Box 103, St. Peters, PA 19470, (215) 462-2268

The Big, Bad, Beautiful Amiga Demo-Tape

A two-hour VHS tape which features hundreds of Public Domain demos. Includes many rare or never-seen Amiga demos. Produced by an Amiga artist and a TV editor. The tape is an entertaining look at the finest art, animation, and music being created on the Amiga. \$19.95
Mr. Horan's Computer Lab, 12338 Shelbyville Road, Louisville, KY 40243, (800) 274-8446

◆ The Ultimate Amiga Guide to Video Production: Volume One

A detailed step-by-step guide on setting up your own video production studio using camcorder, VCR, and Amiga to do titling, create video backgrounds, animations and editing features. An extensive tutorial of DeluxePaint III, Elan Performer and TV Show includes a two-disk set of 19 video backgrounds, animations and more, running 95 minutes in length. From the Amiga Professional Tutorial series. Requires 1MB 500 and external disk drive. \$49.95
CP Productions, P.O. Box 103, St. Peters, PA 19470, (215) 462-2268

◆ The Ultimate Guide to Video Production: Volume Two

A detailed step-by-step guide to producing professional level titling, character generation and effects on the Amiga. Featuring the s-VHS format. Shows how to install Digital Creations 2000S S-VHS. Genlock provides clear, concise explanation of video basics. Extensive tutorials on TX-Text Professional and TV-Show, Broadcast Titler and Pro-Video Post. Includes a two-disk set of 14 video backgrounds, animation and more, running 120 minutes, from the Amiga Professional Tutorial series. \$49.95
CP Productions, P.O. Box 103, St. Peters, PA 19470, (215) 462-2268

◆ Video Animation

Two-hour video with two diskettes for DeluxePaint III. Geared toward videographers. Includes disks. \$39.98
InSync, 410 Maple Ave., Westbury, NY 11590, (516) 574-0225

Video Visions Titler/Wedding Set: The Video

Contains all the backdrops/objects that comprise the Titler & Wedding Set on disk. This videotape version is for those who do not have Amigas, but wish to utilize graphics in their video productions. Contains: titler set, wedding set, videographer, titler, advertiser, broadcaster, and videomaker volumes on tape. Videomaker scenes have been added. \$49.95
CV Designs, 61 Clewley Road, Medford, MA 02155, (617) 391-9224
please see display ad page 142

Volume I: How To Use The Amiga For Video

A one-hour VHS videotape for beginners who have never used the Amiga. \$39.95
TV One Productions, 800 N. Delsea Dr. #8, Westville, NJ 08093, (609) 853-1229

Volume II: How To Make TV Commercials With The Amiga

A VHS videotape for Amiga video enthusiasts. \$199.95
TV One Productions, 800 N. Delsea Dr. #8, Westville, NJ 08093, (609) 853-1229

Volume III: How To Make Presentations & Sales Tapes With The Amiga

A VHS videotape for Amiga video enthusiasts. \$199.95
TV One Productions, 800 N. Delsea Dr. #8, Westville, NJ 08093, (609) 853-1229

CDTV

CDTV 151
CDTV Accessories 155

▼ CDTV ▼

◆ A Bun For Barney

A Bun For Barney is a delightful animated story for children aged 3 to 6 about a bear who learns to say 'no.' As they watch, children can make characters pop-up, play learning games, and perform songs. This disc also encourages early reading. Children can read each sentence as it is spoken in the narration or select individual words to hear them pronounced. Animated by Melendez Films, producers of the well-loved PEANUTS specials on CBS Television, and narrated by Tom Baker, star of Dr. Who. \$49.95
Multimedia Corporation, 109X Regent's Park Road, London, England NW1 8UR

◆ A Long Hard Day on the Ranch

Desperate bandits, runaway cattle, wild stallions, hungry ranch hands, mountain lions, and broken toes hold no terrors for our imaginative hero—a young boy spending the summer on his aunt and uncle's ranch. Written in the form of a letter home, A Long Hard Day on the Ranch shows how a young boy imagines his days at the ranch—while accompanying illustrations show the more mundane reality. Author Audrey Nelson tells her story in a humorous 'western' style. A press of a button on the remote controller gives pronunciation, syllables, and an in-context explanation of every word and picture in the text in English and in Spanish. \$44.95
Discis Knowledge Research, 45 Sheppard Ave. East, Ste. 410, Toronto, Ontario, Canada M2N 5W9, (416) 250-6537

◆ Advanced Military Systems

Advanced Military Systems provides information on the world's finest military technology. Easily customize your own presentation to include sight, sound, narration, and your choice of music styles. The newest and most advanced military hardware (such as the U.S. Air Force F-117A Stealth Fighter) is featured in over 1500 action photographs accompanied by music and narration. This exciting and informative disk is an innovative multimedia 'coffee-table book' for the 1990's. \$39.95
Dominion Software & Design, Inc., 3328 Oakshade Court, Fairfax, VA 22033, (703) 318-8270

◆ Airwave Adventure: The Case of the Cautious Condor

Tiger Media's breakthrough interactive mystery is now available for CDTV! Explore hundreds of images, hours of audio, and thousands of possibilities. Can you discover the solution? Join Ned Peters, detective, and a colorful cast of suspects on board the 1937 maiden voyage of the Condor. You have thirty minutes to solve the crime on this thrilling flight into history and murder. \$49.95
Tiger Media, 5801 E. Slauson Avenue, Ste. 200, Los Angeles, CA 90040, (213) 721-8282

◆ American Vista Multimedia Atlas

American Vista provides a world of excitement and discovery. Maps of each state illustrate political, topographical, industrial, and agricultural features. Almost 1100 professionally photographed images display people and places from each state and our nation's capital. Many examples of regionally specific speech and our folk music heritage are also included. Further details include statistical information and history for each state along with state seals, flags, flowers, animals, and license plates. Historical maps and flags along with pictures and detailed captions of each president are also featured. \$79.95
Applied Optical Media Corp., 18 Great Valley Parkway, Malvern, PA 19355, (215) 889-9564

◆ Animated Coloring Book

For kids, and the child in all of us, the Animated Coloring Book makes it simple to create beautiful pictures and then bring them to life. Using up to 61 crayons (colors), you pick up the one you want and click to fill in the outlines. Have fun coloring a variety of animals like dogs, cats, and even elephants. Then with a click you can bring your colored picture to life through animation and see dogs walk, cats play, and more! You can also let the computer color for you, to provide examples for teaching youngsters. \$39.95
Gold Disk, Inc., 5155 Spectrum Way, Unit 5, Mississauga, Ontario, Canada L4W 5A1, (416) 602-4000

◆ Barney Bear Goes to School

Barney Bear Goes to School is a learning game for pre-school children that combines colorful, animated graphics and rich, 'multi-track' audio. It consists of two segments: Storytime, which shows children how to get ready for a day at school, and Schoolroom, which lets children select and play many learning activities. Storytime shows Barney Bear getting ready for school and teaches children to clean their room, to eat a good breakfast, and to look both ways before crossing streets. The game asks children to identify objects on the screen and then rewards them for correct choices with audio response. Once Barney is in his schoolroom, children may choose from activities such as spelling games, counting games, colors, shapes, and a coloring book. \$39.95
Free Spirit Software, Inc., P. O. Box 128, 58 Noble St., Kutztown, PA 19530, (215) 683-5609

◆ Basketball

Basketball brings all the on-court excitement and backroom strategy of real-life basketball into your own home. The SBA League allows you and a friend to own, manage, and coach your own basketball teams. Recruit from the Minor Leagues, improve your current roster at training camp, or trade for other players with varying ages, injuries, and abilities. Team stats chart the past 9-years of every team in the league. All-time individual and team records kept for the history of your franchise. Complete nine year player stats document your team's performance. Control the on-court action with precision passing and shooting, aggressive defense, and slam dunks! One or two players can challenge each other, or watch the computer play itself. \$49.95
Context Systems, Inc., The Technology Center, 333 Byberry Road, Hatboro, PA 19040, (215) 675-5000

◆ Battle Chess

An entire medieval world at war is reflected on the checkered field. Colorful and dramatic 3-D animation. Over 4MB of animation. 10 different difficulty levels. 400K of digitized sound effects. Modern capability for remote play. Opening library of 30,000 moves. Play against a friend, against the computer, or let the computer play itself. Requires CDTV only. Available in June. \$59.95
Interplay Productions, 3710 S. Susan, Ste. 100, Santa Ana, CA 92704, (714) 549-9001

◆ Battletorn

Message received on all emergency channels: 'There is a state of emergency on all frontier worlds. The Kalomarian enemies are taking over this galaxy. Their state-of-the-art command vessels, the Battletorn starships, are capable of destruction on a stellar scale. There is little time to counter attack these invaders. The Empire is already defenseless, nevertheless we hold hope, as the ancient prophecy has foretold: From the ashes of conquest shall rise a warrior and the storm will be blown away.' The future of the Empire of

Worlds is in your hands. You will need all the help you can get if you are going to destroy the Battletorn starships and launch your final attack on their headquarters. \$49.95

Titus Software Corporation, 20432 Corisco St., Chatsworth, CA 91311, (818) 709-3693

◆ Bill & Ted's Excellent Adventure

For a hilarious, time-warped trip through history, it's Bill & Ted's Excellent Adventure, a fully-animated arcade action game recreating all the fun of the hit movie. It's a bodacious romp in search of famous dudes—Napoleon, Socrates, Ghengis Khan, Freud, Joan of Arc, Lincoln, Einstein, and more—it's a quest to pass that most heinous history exam. Digitized photos and sound from the movie add to this outrageous adventure. Available Late Summer.
Capstone, 14202 SW 136th Street, Miami, FL 33186, (305) 252-9040

◆ Bureau of Astral Troubleshooters

B.A.T. is an adventure game that lets you become the one agent of the Bureau of Astral Troubleshooters who can save Terrapolis. It's so lifelike you'll never want to come back! Vrangor, a top scientist, and Merigo, a small-time crook, have announced their intention to set off nutrobiogenic bombs in Terrapolis, the largest city of Selenia. This ultimatum leaves the government only 10 days to evacuate the city and draw up a deed of ownership in Vrangor's name. After time runs out, Selenia will be blown out of the galaxy. The countdown has begun, and it's up to you to foil Vrangor's evil plans. \$49.95
UBI Soft, distributed by Electronic Arts, 8/10 Rue de Valmy, 93100 Montreuil Sous Bois, France, (800) 245-4525

CD-901 Education Disk One

MicroEds Education Disk One for Commodore's New CDTV includes a group of ten programs designed for the family with varying ages and interests. Included is interactive software ranging from beginning reading and early math to high level vocabulary exercises and a Planet Probe program that uses a non-violent game format to provide factual information about our planetary system. Priced at \$99.00, this CDTV disk offers educational software for less than \$10.00 per program.
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

◆ CDTV

Commodore Dynamic Total Vision combines audio, video, graphics, and text. Its small black appearance is designed to enhance any home entertainment environment. While it is able to play standard audio compact discs at 8X oversampling rate, CDTV is also equipped to run Amiga programs from CD's. Each CD has a computer data capacity of 550MB (or the equivalent of over 700 Amiga floppy disks). Although upgradeable, CDTV is designed as a tool for information and entertainment, not as a computer. The player is controlled by a specially designed Amiga motherboard with five additional custom chips. It contains 1MB of RAM, 512K ROM, slots for an optional video card and a DMA card, as well as an external port for RS-232 devices, an external drive, two audio ports, MIDI In/Out, stereo headphone jack, and a personal RAM card. An optional keyboard can be used as an IR device or hardwired into the unit. Additional optional peripherals include an external floppy drive, trackball, joystick, MIDI In/Out (through a third party), Genlock, an expansion module, a keyboard IR interface, modem, and printer. \$999.00
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

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PDS Guide
AMICUS Index
Fred Fish Index
Vendor/Product Registration
AC Back Issue Index
User's Groups
Vendor Information
Product Index by Product
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◆ CD-REMIX

CD-REMIX lets you take your favorite music CD and resequence pieces of it to make your own extended dance tracks or personal remixes. The easy-to-use icon driven language allows you to build your own storyboard of commands. Commands available from CD-REMIX include TRACKPLAY, PLAY DRUM, LABEL, SAMPLE PLAY, SEQUENCE (DRMS), AWAIT KEY, SPEAK, LOOP, AND PAUSE. DRUM, SPEECH, SAMPLE, and TRACKPLAY volumes are all independently adjustable to give a perfect mix. Over 100 different samples are included to intersperse with your trackplays. \$49.95
microdeal, P.O. Box 68, St. Austell, Cornwall PL25 4YB, England, 011-447-266-8020

◆ Cinderella—The Original Fairy Tale

Most children will be familiar with the story of Cinderella—although not necessarily this version. Cinderella, 'both good and beautiful,' still marries her prince, but she also finds rooms in the palace for her two stepsisters—and even arranges aristocratic matches for them! Discs books are fun, easy-to-use, and entertaining. A press of a button on the remote controller gives pronunciation, syllables, and an in-context explanation of any word or picture in the text, in English and in Spanish. For children 6 years and older. Available Summer 1991. \$54.95
Discs Knowledge Research, 45 Sheppard Ave. East, Ste. 410, Toronto, Ontario, Canada M2N 5W9, (416) 250-6537

◆ Classic Board Games

Classic Board Games enables you to play Chess, Checkers, and Backgammon on your television. Pit your skill against the game and select the level of difficulty or challenge a human opponent. Games are simply and easily controlled with the CDTV remote controller. Audio directions and updates are provided in six languages: English, German, Japanese, French, Spanish, and Italian. No knowledge of the games is required. \$49.95
Merit Software, Inc., 13635 Gamma Road, Dallas, TX 75244, (214) 385-2353

◆ Complete Works of Shakespeare

The complete works of the world's greatest playwright is now available on a single compact disc. From the comfort of your arm chair you can read the complete works including plays, poems, and sonnets. All major scenes are illustrated with reproductions of original woodcuts. Electronic reference technology allows instant searches to be made on the entire text using simple and easy functions. Features include easy-to-use graphic display, instant search for word or phrase, complete concordance, bookmark facility, woodcut illustrations, and illustrated 'Dramatis Personae' for each character. \$49.95
Animated Pixels, Albemarle House, Osborne Rd., Southsea, Hants, PO5 3LB United Kingdom

◆ Composer Quest

Composer Quest offers a revolutionary, interactive, and fun way to learn Music History through the work of the great composers, from 1600 to the present. It can be used as a game or a learning application. The program cross-references important developments in world history, visual art, and sociological change. Composer Quest features 150 digitized 'sound samples' of original performances of some of the greatest musical works ever composed and recorded. It requires a hard disk to install, and a copy of the AmigaVision authoring system.

Dr. T's Music Software, Inc., 100 Crescent Rd., Needham, MA 02194, (617) 455-1454

◆ Defender of the Crown

Based on the classic films The Adventures of Robin Hood and Ivanhoe, Defender of the Crown is an interactive tale of brave knights whose days are filled with daring jousts, breathtaking sword fights, beautiful damsels in distress and enemy castle sieges. The adventure begins with the nation in turmoil following the death of England's ruler, King Richard. To save their beloved coun-

try, the bold Saxon knights clash against the evil forces of the plundering Normans. Only the strongest, most skillful and courageous knight can overcome the obstacles and win the crown to become King of England. The disc features a fully-orchestrated stereo soundtrack, motion-picture quality sound effects and speech elements that add a totally new dimension to this interactive game. \$39.95

CDTV Publishing, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

◆ Dinosaurs for Hire

What happens when three out-of-time gun-toting dinosaurs hit the streets? Bullets fly, evil-doers tremble, and insurance rates go through the roof. Dinosaurs for Hire is another in a series of comic books on disc. Hundreds of pages, thousands of screens, and more fun than you can shake a Tyrannosaurus at.

Wright Enterprises, Hudson Road, Temple, NH 03084, (603) 878-1491

◆ Dominion

Dominion is a traditional strategy game brought to television. Each player buys and sells national resources and maneuvers his or her armies, fleets, and air forces to protect and expand territory. Dominion is set late in the 21st century with each player controlling one of the seven great empires of the world. The action is enhanced with music, sound effects, high-quality action images, and animation. CDTV keeps track of the tedious chores of a traditional board game—scoring, dice rolling, random events, rule umpiring—and enhances it with exciting multimedia action and a fluid pace. Dominion can be played by one to seven players. Available Summer 1991. \$49.95

Dominion Software & Design, Inc., 3328 Oakshade Court, Fairfax, VA 22033, (703) 318-8270

◆ Dr. Wellman

Dr. Wellman is a comprehensive home health system covering all the areas of health care relevant to an average family. The material is presented in a simple, friendly manner incorporating text (with narration), graphics, animation, music, and sound effects. A unique keyword system provides a dictionary of over 600 explanations for names, terms, symptoms, and conditions. A wide variety of medical topics including First Aid, dental care, travelling abroad, and most importantly, a wealth of information to keep you and your family healthy. Contains password-protected sections dealing with Adult health. \$79.95

CDTV Publishing, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

◆ Electric Crayon Deluxe:

All Dogs Go To Heaven

All Dogs Go To Heaven Talking Electric Crayon is an exciting title that transforms your television into an electric coloring book. With 30 delightful and enchanting coloring book pictures and spoken words and songs, the disc tells the story of Charlie B. Barkin, a roguish German Shepherd with a con man's charm and a marshmallow heart. Based on the animated film by Don Bluth, this disc is a must for all children and the young at heart. \$49.95

Merit Software, Inc., 13635 Gamma Road, Dallas, TX 75244, (214) 385-2353

◆ Falcon

Get set for the 'flight of your life!' The powerful Falcon F-16 takes you streaking across the skies at Mach 2. The accurate weapons systems, heads-up-display, cockpit controls, and overall flight characteristics make this the ultimate in simulations. Falcon for CDTV contains 36 separate missions in three combat theatres: The Falcon Training Ground—make the grade from rookie to a real 'top gun' pilot; Operation CounterStrike—repel the invaders then counter by attacking the enemy bases; Operation FireFight—12 more exciting missions with an upgraded F16C aircraft. Ideal for aviation buffs. \$69.95

Spectrum Holobyte, 2061 Challenger Drive, Alameda, CA 94501, (415) 522-3584

◆ Fun School 3 for the Under 5s

Fun School 3 for the Under 5s consists of six educational activities that help to develop many skills including number, shape, and word recognition. Your child can learn at his/her own pace. Beautifully-created pictures, stunning animation and exciting sounds make learning fun and effective. There are several levels of difficulty in each activity. A parent-teacher's guide is included. \$49.95

Europress Software, Europa House, Adlington Park, Macclesfield, Cheshire, England SK10 4NP, 011-44-625-859-444

◆ Future Wars

Travel back and forth through time to save the earth from future destruction by alien invaders. Over three years in development, the animated cinema-style graphics, user-friendly interface and digitized sound track combine to form a complete gaming experience. Requires CDTV only. \$59.95
Interplay Productions, 3710 S. Susan, Ste. 100, Santa Ana, CA 92704, (714) 549-9001

◆ Gardenfax: Fruit, Vegetables & Herbs

Fruits, Vegetables & Herbs is a quick and accurate way to answer your questions about choosing and cultivating many edible plants. In this program, use the graphic symbols to search the criteria, look at the plants, and make your selection. There are over 170 plants with such criteria as planting time, harvesting time, and soil and light types. Included are fruit and vegetable types such as root, leaf, and exotics. \$49.95
CDTV Publishing, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

◆ Gardenfax: Garden Plants

Garden Plants is an easy, fun, and informative way to select and care for beautiful plants in your garden. The program allows you to search by criteria or by name, or just browse through all the plants on the disc. There are over 400 bedding and bordering plants presented in full color. The criteria for helping you find the plant to suit your needs for Garden Plants are flower color, plant type (such as bedding, border, bulb, tuber, rockery), light aspect, height, planting time, flowering time, and soil type. \$49.95
CDTV Publishing, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

◆ Gardenfax: Indoor Plants

Indoor Plants takes the guesswork out of choosing and caring for houseplants. Over 200 plants are presented in full color pictures and text. The pictures and information may be found by common and botanical name or by selecting a combination of criteria such as room temperature, light conditions, flower color, and size. Using the remote controller, make choices from the symbols on the screen, and find plants to suit your home. For instance if Grape Ivy (*Rhoicissus Rhombifolia*) was selected, you would get hints on watering, positioning, feeding, and audiovisuals on taking stem cuttings and repotting. \$49.95
CDTV Publishing, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

◆ Gardenfax: Trees, Shrubs, Roses & Conifers

Trees, Shrubs, Roses & Conifers is an interactive information program designed to answer the questions of all gardeners about their horticultural plants. Over 300 plants can be selected by criteria or name, or you can just browse through the collection. Gardenfax is easy to use and provides comprehensive and practical advice such as when to feed and water. Plants can be selected from a variety of criteria such as flower color, leaf color, plant type, light aspect, height, and spread, as well as planting time, flowering time, soil type, and speed of growth. \$49.95
CDTV Publishing, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

◆ Heather Hits Her First Home Run

The bases are loaded, her friend Jeffrey is on third, and everyone is calling for a home run as

she steps up to bat. All in all, it's a pretty frightening moment for Heather—but she comes through. Heather Hits Her First Home Run is a story of how children feel in life's crucial moments. This book shows children the value of perseverance and team spirit. Use the remote controller for explanations of the text in both English and Spanish. \$44.95

Discis Knowledge Research, 45 Sheppard Ave. East, Ste. 410, Toronto, Ontario, Canada M2N 5W9, (416) 250-6537

◆ Horse Racing

Horse Racing brings all the on-track excitement and strategy of real-life racing into your own home. Bet on the favorites to Win, Place, or Show. Up to four players may compete. Create as many tournaments as you wish. Have 128 horses at each track. Detailed past performances of the last 10 race results for every horse at the track. Complete jockey profiles. Variable track conditions. Ability to purchase 'tips' from some classy competitors and some shady characters as well. \$49.95
Context Systems, Inc., The Technology Center, 333 Byberry Road, Hatboro, PA 19040, (215) 675-5000

◆ Indoor Sports

Four high-quality, challenging games will keep you entertained long after other games have been retired from competition. Get the ball rolling with Bowling. Darts won't leave you bored. Get a rush from Air Hockey. Finish off with a generous serving of Ping Pong. Not just a collection of short 'events,' Indoor Sports gives you four stand-alone games in one package. The set features superb graphics, multiple levels of play, smooth animation, and one- and two-player options. Available June 1991. \$49.95

Context Systems, Inc., The Technology Center, 333 Byberry Road, Hatboro, PA 19040, (215) 675-5000

◆ LTV English

LTV English helps people learn English as a second language. Conceived for use in a family setting, it helps to improve oral comprehension for many levels of competence. Over 30 situations and more than 150 exercises are included. LTV English provides a cultural approach to the United Kingdom and to the United States via a series of 'news reports' on London (daily life), Los Angeles (pop culture), and contemporary issues. It allows the user to familiarize himself with the English and American accents, and to rapidly improve his mastery of the language. \$49.95
Jeriko, 5 Bld. Poissoniere, 75002 Paris, France

◆ Lemmings

Lemmings establishes a brand new category of game for the Amiga. You've never seen anything like it! Hordes of tiny characters that you have to guide through many levels of obstacles and adventures building bridges, digging tunnels, climbing mountains, parachuting to safety. Get them on their way through each level as quickly as you can, or they start to inundate you and happily proceed to their own oblivion. Each level requires you to construct increasingly complex routes to save as many Lemmings as you can. Lemmings features tiny, incredibly-detailed and expressively-animated characters (up to 100 Lemmings on the screen at once), one-player or split screen two-player action, 100 mind-blowing increasingly difficult playing levels, and some of the most entertaining game playing music you'll ever hear. This one is going to be a classic! Available July 1991.

Psygnosis Limited, 29 St. Mary's Court, Brookline, MA 02146, (617) 731-3553

◆ Many Roads To Murder

Many Roads To Murder can be a disappearance or robbery. Which one depends upon your first choice of plotlines. Your second choice determines the next plot twist. The stories evolve in unexpected directions from smuggling to espionage, from collegiate revenge to a mysterious African expedition. As the title suggests, there are many roads to choose from. Each one challenges you to

solve an excitingly different mystery adventure. This disc contains hundreds of images and a dramatic audio track. \$39.95

CDTV Publishing, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

◆ Mickey's 123's

Mickey Mouse introduces preschool children to numbers and counting. Children learn at their own pace by exploration. No wrong answers—any number key a child presses makes something fascinating happen, every time. Numbers and counting one through nine. 18 detailed background scenes and over 60 different animated responses. Four separate locations to visit with Mickey—post office, grocery store, toy factory, and birthday party. There are 11 Disney characters. Nine different unique vehicles Mickey can ride in from location to location. To be released. *Walt Disney Computer Software, Inc., 500 S. Buena Vista Street, Burbank, CA 91521, (818) 567-5360*

◆ Mind Run

Mind Run consists of a set of exercises to test your intellectual aptitudes and to use for evaluation and personal development. This interactive product includes fun and challenging tests to sharpen your capabilities in memory, stress, listening, reflexes, logic, and understanding of machines. You can control the level of difficulty for each type of test. This graphical challenge will engage and entertain you for many hours. \$44.95
CDTV Publishing, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

◆ Moving Gives Me A Stomach Ache

Moving is not easy for anyone, but for a little boy it is especially hard. How do you pack your favorite climbing tree, or say goodbye to your best friend? This warm, sensitive story explores children's feelings about moving and shows them that it is not so bad after all. This story is a must for any child facing a move, whether it is across the country or around the block. Use the remote controller to get an explanation of the text in English or in Spanish. \$44.95

Discis Knowledge Research, 45 Sheppard Ave. East, Ste. 410, Toronto, Ontario, Canada M2N 5W9, (416) 250-6537

◆ Mud Puddle

Keeping clean and tidy is a difficult job for any young child—especially when a mud puddle is out to get you. Jule Ann tries to escape from the mud puddle that is chasing her, but she just can't get away. She has to find a way to outsmart the puddle. Explanations of every word in the text is available in English and in Spanish. For children aged 6 and over. \$49.95

Discis Knowledge Research, 45 Sheppard Ave. East, Ste. 410, Toronto, Ontario, Canada M2N 5W9, (416) 250-6537

◆ Murder Anyone?

Murder, Anyone? challenges you to discover who killed Derrick Reardon. You must crack the alibis of the eight suspects: the victim's ex-actress wife, his spinster sister, his playboy brother, his extremely private secretary, his teen-aged ward, a mysterious German businessman, the family doctor and, of course, his butler. Each of the 16 stories has a unique, puzzling solution that will test your sleuthing skills. Clues are presented as a series of full color images with a dramatic audio track. \$39.95

CDTV Publishing, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

◆ Music Maker

Anybody will be able to play music in minutes using the unique features of Music Maker. Choose one of the 17 song tracks, select from over 40 instruments and play along. There is a level for everyone—one key play for beginners, melody play for the more musical, and free play mode for the talented or brave. The CD quality audio tracks are accompanied by changing graphics. You can even play the drums with any of your favorite

CD's. No musical experience is required. \$49.95
CDTV Publishing, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

◆ My Paint

My Paint is an easy-to-use, educator-approved and classroom-tested paint program designed especially for children. The interface is entirely based upon intuitive symbols. No reading skills are required. Features include colorful, animated symbols for all tools, a complete 'coloring book' of over 100 pictures, sounds which accompany each picture, multiple brush sizes, special 'surprise' pictures, special effects, color cycling, and more. Included with the program is a series of educational 'coloring book' drawings which teach the alphabet, phonetics, reading skills, and other concepts. \$39.95

Saddleback Graphics, Distributed by Centaur Software, 3621 W. MacArthur Blvd. Ste. 119, Santa Ana, CA 92704, (714) 540-4062

◆ Ninja High School

Ninja High School is a tongue-in-cheek comic book on a CD disc. Jeremy Freepul, an otherwise normal American kid, gets involved with the strangest characters when a princess from outer space and the daughter of a secret ninja society start competing for his affection. Hundreds of pages, hours of fun, and much better looking than those silly turtles.

Wright Enterprises, Hudson Road, Temple, NH 03084, (603) 878-1491

◆ North Polar Expedition

North Polar Expedition is an exciting multi-role-playing adventure disc for groups of five to ten. The adventure simulates a journey to the Pole with real pictures and sounds from actual Arctic expeditions. In a race against time before the ice-pack breaks up, the group members take on the roles of leader, navigator, pilot, and so on, and must make the right decision to succeed in their quest. They also learn about the Arctic environment and develop important geographical skills. Ideal for small groups. Available Summer 1991. \$49.95

Virgin Mastertronic International, 18001 Cowan Street, Ste. A & B, Irvine, CA 92714, (714) 833-8710

◆ Our House

Our House offers youngsters a fascinating window into a typical American home—their own—by allowing them to explore how everyday objects in each room are actually used, and to discover what real life was like in generations gone by. The program is specifically designed to answer two basic questions posed by every child—'How does it work?' and 'What was it like when you were young?' By selecting the appropriate icon, the user can 'see into' everyday objects, learning, for example, that electric coils inside a toaster heat the outside of bread, and that pipes inside the sink supply the faucet with water. Other screen choices enable the child to learn how food was cooled or clothes were washed in his parents' and grandparents' time, and even back in the days of Lincoln and Washington. Our House offers discriminating parents a captivating and educational alternative to 'Nintendo style' entertainment for children. Each title in Context Systems' Now & Then series serves to draw all generations together around the 'electronic fireplace' where the past is remembered, the future is imagined, and family histories are treasured. Available August 1991. \$49.95

Context Systems, Inc., The Technology Center, 333 Byberry Road, Hatboro, PA 19040, (215) 675-5000

◆ Pro Tennis Tour II by UBI Soft

Pro Tennis Tour II offers more options than the average player encounters in the real world. This simulation game includes training programs where you can choose from a variety of opponents—male and female—various court surfaces, personal skill levels including strengths and

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weaknesses, and singles and doubles, or even 'dirty mode' triples. Practice well, win the tournaments, and you can qualify for the Masters on the Pro Tennis Tour. Your objective is to improve your ranking by participating in major championships, such as the Australian Open, French Open, U.S. Open, Wimbledon, and the Davis Cup. Each championship event is played on its unique surface: grass, clay, or cement. The on-screen scoring display, realistic sound effects, and two-player option give Pro Tennis Tour II the look and feel of an actual tennis game. \$49.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

◆ Psycho Killer

Psycho Killer is an interactive TV experience. Shot on location, it uses photographic images and real actors. High quality audio and digitized images create total reality. The plot and game are interwoven. You are the hero; you must overcome the psycho killer. Confront Psycho Killer, survive, rescue his potential victim, and escape. The story varies based on how you play. \$49.95
On-Line, 14 Falcon Way, Clippers Quay, London, E14 9UP UK

◆ Scary Poems for Rotten Kids

Whether you are frightened by goblins or Gerbelgeks, fog phantoms, or even the dreaded pocket monster, you'll find lots of chuckles and chills in Scary Poems for Rotten Kids. This comic anthology by award-winning poet Sean O'hulgin takes young readers on a fun-filled tour of the terrible. O'hulgin's unorthodox style and outlandish vocabulary make these poems a treat for children and adults alike. Explanations of every word and picture in the text are available in English and in Spanish. For children aged 8 and older. \$59.95
Discis Knowledge Research, 45 Sheppard Ave. East, Ste. 410, Toronto, Ontario, Canada M2N 5W9, (416) 250-6537

◆ Shadow of the Beast I

An adventure game that takes the player through 13 levels and 350 screens of multi-dimensional, parallax scrolling and other graphics and audio special effects implemented for the first time on the Amiga. You must jump, push, and kick your way above and below ground in this amazingly detailed world, while meeting over 130 varieties of creatures right out of your worst nightmares on your way to the final showdown. If you do manage to survive, don't worry. Shadow of the Beast II, the sequel, is waiting to challenge you even more. Enhanced audio for CDTV version. Available third quarter 1991. \$39.99
Psygnosis Limited, 29 St. Mary's Court, Brookline, MA 02146, (617) 731-3553

◆ Shadow of the Beast II

Shadow of the Beast II features a new cast of sinister, intelligent opponents, arcade quality animated sprites, diabolically clever hidden traps and puzzles to solve, multiple inventory control, real time interaction with intelligent creatures, rich new sound effects and speech. Enhanced audio for CDTV version. Available third quarter of 1991.
Psygnosis Limited, 29 St. Mary's Court, Brookline, MA 02146, (617) 731-3553

◆ Sherlock Holmes Consulting Detective

Capture the mystery and excitement of Holmes' London in this challenging and informative game. You, the player, will match your deductive abilities against the master sleuth himself, Sherlock Holmes. For the first time ever, experience real-time video and audio as Holmes and Watson interrogate potential suspects chosen by you! Search the London Times newspaper for clues, reference Holmes' files for information, or send the Baker Street Irregulars to gather more valuable information for you. You are presented with a mystery to solve, and it is then up to you to trace the threads of evidence through the byways and mansions of 19th century London. Sherlock

Holmes is an interactive style detective game which utilizes the hardware and storage capabilities of CD \$69.95
Icon Simulations, 648 S. Wheeling Rd., Wheeling, IL 60090, (708) 520-4440

◆ SimCity

SimCity puts you in charge as both the mayor and the city planner of a dynamic real-time urban development simulation. Build houses, stores, factories, roads, football stadium, airports, and parks. Collect taxes and run a city. Bulldoze entire neighborhoods, cause tornadoes and floods—everything is simulated and animated. With three different time periods, your city will evolve through time from the Wild West to Future U.S.A. Build the city of your dreams. \$49.95
Maxis, Two Theatre Square Ste. 230, Orinda, CA 94563-3041, (415) 254-9700

◆ Snoopy: The Case of the Missing Blanket

Snoopy: The Case of the Missing Blanket is a colorful, fully interactive cartoon which is a challenge and delight for all Snoopy fans. Snoopy plays detective in this animated cartoon adventure, facing the task of finding where Linus lost his blanket. Snoopy must find the missing blanket and then return it to Linus who is most upset at misplacing it. \$49.95
The Edge Interactive Media, 225 South Lake Ave., Ste. M157, Pasadena, CA 91101, (818) 577-9375

◆ Spirit of Excalibur

Spirit of Excalibur is an epic quest to restore the grandeur and glory of Arthur's Roundtable. To top off the excitement, the game is accompanied by a grand Wagnerian orchestral score. You explore over 100 beautifully-illustrated unique locations and listen to the conversations of the colorful cast of characters in this rich adventure game. \$59.95
Virgin Mastertronic International, 18001 Cowan Street, Ste. A & B, Irvine, CA 92714, (714) 833-8710

◆ The American Heritage Illustrated Encyclopedic Dictionary

Houghton-Mifflin's highly regarded dictionary with 180,000 entries is enhanced in this CDTV version with 3,000 color illustrations and an automated word pronouncer and speller. As with Xiphias' Time Table series, every word on the TV screen is 'hot' so all the material links easily to all other references to that word, turning the material into an exploratorium of the English language. \$69.95
Xiphias, Helms Hall, 8758 Venice Blvd., Los Angeles, CA 90034, (213) 841-2790

◆ The Cardinal of the Kremlin

Anti-missile defenses and satellite technologies provide the central action in Tom Clancy's novel, The Cardinal of the Kremlin. In Capstone's computer simulation, players are challenged to develop these strategic defenses for America—manipulate a myriad of international forces, deal with espionage, terrorism and global politics—to win the technological race against the Soviets. Available Late Summer 1991.
Capstone, 14202 SW 136th Street, Miami, FL 33186, (305) 252-9040

◆ The Hound of the Baskervilles

The Hound of the Baskervilles CDTV disc recreates Sherlock Holmes' greatest case from contemporary evidence, using original papers found in Dr. Watson's tin dispatch box. Watson, Holmes' famous friend and assistant, kept all the records and evidence meticulously and now you too can follow in his footsteps, clue by clue. Journals, newspaper cuttings, telegrams, letters, notes, police reports, photographs, and material evidence have been assembled together to document the mystery of The Hound of the Baskervilles. With a plot from the genius of Sir Arthur Conan Doyle and a game design by the renowned Simon Goodenough, the atmosphere is heavily laden with suspense and drama. \$49.95
On-Line, 14 Falcon Way, Clippers Quay, London, E14 9UP UK

◆ The Illustrated Holy Bible

The Illustrated Holy Bible contains the complete text of the Old and New Testaments together with full color illustrations. Using the CDTV remote controller, the user can select any book or chapter of the Bible within seconds using a novel graphical display. A unique slide show option allows events in the Bible to be located simply by looking for the illustrations. Features include easy-to-use graphical display, complete text of Old and New Testament, full-color illustrations, powerful instant search facilities, and bookmark facility. \$49.95
Animated Pixels, Albemarle House, Osborne Rd., Southsea, Hants, PO5 3LB United Kingdom

◆ The New Basics Electronic Cookbook

The Silver Palate library of recipes—1800 strong—drawn from a set of three books have sold in aggregate over 4.5 million copies. The recipes and the informed asides of the two well-known authors, Shirlee Rosso and Sheila Lukens, are accessible through a simple screen presentation. These are designed to allow you to choose recipes by the specific food ingredients they employ. You can select recipes for an appropriate meal-time or special occasion. Richly enhanced with full-color photos of over 450 recipes and their ingredients with voice-overs by the authors. \$59.95
Xiphias, Helms Hall, 8758 Venice Blvd., Los Angeles, CA 90034, (213) 841-2790

◆ The New Grolier Electronic Encyclopedia

Take the definitive encyclopedia text—Grolier's Academic American Encyclopedia. Add the multimedia elements of historical pictures, detailed maps, colorful illustrations, life-like sound all stored on a single CD. Access it via the CDTV remote control and you will have the most versatile house reference tool yet. This disc makes the use of an encyclopedia a totally new, fun-filled experience for the entire family. \$395.00
CDTV Publishing, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

◆ The Paper Bag Princess

Once upon a time a beautiful princess and a handsome prince lived in a castle. Suddenly the castle is destroyed by a fierce dragon, the prince is carried away, and the princess is left with only a paper bag to wear. This story has all the elements of a traditional fairy tale but with a contemporary twist—the princess is the heroine. Contemporary values such as equality between men and women are reflected in this tale. A press of the button on the remote control gives pronunciation, syllables, and an in-context explanation of every word and picture in the text in English and in Spanish. For children aged 6 and up. \$49.95
Discis Knowledge Research, 45 Sheppard Ave. East, Ste. 410, Toronto, Ontario, Canada M2N 5W9, (416) 250-6537

◆ The Tale of Benjamin Bunny

Benjamin Bunny and his cousin Peter Rabbit visit Mr. McGregor's garden to retrieve Peter's clothes left there on a previous visit. Their expedition is going well—until they are trapped by a nasty cat. Only the appearance of Benjamin's father saves the two young rabbits from another encounter with the dreaded Mr. McGregor. A press of a button on the remote controller gives a pronunciation, syllables, and an in-context explanation of every word and picture in the text in English and in Spanish. \$54.95
Discis Knowledge Research, 45 Sheppard Ave. East, Ste. 410, Toronto, Ontario, Canada M2N 5W9, (416) 250-6537

◆ The Tale of Peter Rabbit

This is the classic tale of naughty Peter Rabbit, which has sold over 15 million copies since it was first published in 1902. Follow Peter as mean Mr. McGregor chases him around the garden, into a gooseberry net, and even through a window. Find out how he loses his clothes and is helped by friendly sparrows. A press of a button on the remote controller gives a pronunciation, syllables,

and an in-context explanation of every word and picture in the text in English and in Spanish. \$59.95
Discis Knowledge Research, 45 Sheppard Ave. East, Ste. 410, Toronto, Ontario, Canada M2N 5W9, (416) 250-6537

◆ The Terminator

Set in present day Los Angeles, The Terminator is the story of an unstoppable cyborg sent back through time from a nightmare future where machines rule the earth to destroy the mother of the one man who might yet save mankind. Available July 1991. \$59.95
Bethesda Softworks, 15235 Shady Grove Road, Suite 100, Rockville, MD 20850, (301) 926-8300

◆ Thomas' Snowsuit

Getting Thomas to put on his snowsuit was an impossible task for his mother, his teacher, and his principal. But Thomas quickly jumped into his snowsuit as soon as a friend invited him out to play. Thomas' Snowsuit captures the frustration of adults and children alike during 'snowsuit weather.' A press of a button on the remote controller gives a pronunciation, syllables, and an in-context explanation of every word and picture in the text in English and in Spanish. For children aged 5 and over. \$49.95
Discis Knowledge Research, 45 Sheppard Ave. East, Ste. 410, Toronto, Ontario, Canada M2N 5W9, (416) 250-6537

◆ **Time Table of Business Politics and Media**
 Time Table of Business Politics and Media is an exploration title devoted to the energies invested in the acquisition of wealth, power, and knowledge over man's history. It boasts 6,000 stories, thousands of quotes, images, reproduced documents, and a rich environment of multi-media effects. It contains animated maps showing where every event occurred, scanned images of the key documents in history, and an array of additional effects including audio. Material on the crisis in the Persian Gulf makes this an especially valuable disc to add to your collection. \$59.95
Xiphias, Helms Hall, 8758 Venice Blvd., Los Angeles, CA 90034, (213) 841-2790

◆ **Time Table of Science and Innovation**
 An exploration of the history of science and technology, boasting 6,250 stories, thousands of graphics, and a rich environment of multimedia effects. Includes an animated map showing where every event occurs, a visual liftoff from the surface of the earth showing the altitude of aviation and space events and a host of other similarly exciting effects. Audio presentation is included for key events. All entries are cross-referenced by topic. You can follow your own paths of interest through this immense body of knowledge, using the timeline and 'hot word' interaction. \$59.95
Xiphias, Helms Hall, 8758 Venice Blvd., Los Angeles, CA 90034, (213) 841-2790

◆ Unreal

Unreal is a magical, fantasy-arcade game. Your objective is to destroy the Master of Darkness, Polymorphe, and take control of the four elements which he has used to create chaos on the planet of Unreal. You are of the gallant Artaban trying to rescue the beautiful princess Isolde from the clutches of the evil Master of Darkness. You must pass through dark, eerie swamps and the freezing northern boundaries while fighting bizzare enemies who have their own strategies and weapons. Wisdom and courage prevail in the battle against the four elements. Unreal is a beautiful fantasy world with stunning graphics and incredible natural sound effects. This one-player game has eight levels, ranging from beginner to advanced. \$49.95
UBI Soft, distributed by Electronic Arts, 8/10 Rue de Valmy, 93100 Montreuil Sous Bois, France, (800) 245-4525

◆ Wayne Gretzky Hockey-2

Wayne Gretzky Hockey-2 simulates every aspect of the game from penalties and power plays to Sudden Death Overtime and Instant Replays. Create your own players. Make up your own teams, load and save them, or use any of the special teams provided. Set each player's level of performance at any of 11 skill categories. Customized options allow you to control the dual game speed, multiple difficulty levels, practice time, adjustable period lengths and more. With Wayne Gretzky Hockey-2, you control any player, coach from the bench, or let Wayne coach while you watch the action from the stands. Overhead, real-time graphics let you experience the finesse of a feather pass, the thrill of a last second save, or the impact of the bone-crunching body check. \$59.95
Bethesda Softworks, 15235 Shady Grove Road, Suite 100, Rockville, MD 20850, (301) 926-8300

◆ Women In Motion

On-Line is proud to present Women In Motion, an encyclopedia of movement. These historic photographs are one of the great monuments of 19th Century photography and have never been superseded. This product gives a unique insight into the moving form. You can examine each frame of animation, print it out, or load it into an art package and work with it. Contains nudity-parental guidance suggested. Ideal for artists and film 'buffs.' \$49.95
On-Line, 14 Falcon Way, Clippers Quay, London, E14 9UP UK

◆ World Vista Atlas

World Vista is the first multimedia world atlas incorporating full color, fully featured maps, photographic images, high quality audio, and text. World Vista includes high definition maps from Rand McNally, over 1,000 professionally photographed images, music from the Smithsonian Institution, and examples of over 60 foreign languages with on-screen translation. \$79.95
Applied Optical Media Corp., 18 Great Valley Parkway, Malvern, PA 19355, (215) 889-9564

◆ Wrath of the Demon

Legends tell of a time when fear ruled the land—a time when no man, woman, or child was safe from the spread of evil; a time when a fierce Demon sent his evil minions to roam through the land and make the Kingdom his own. That time is upon us once again. You have been summoned by the King to defend the realm, rescue the Princess, and rid the Kingdom of the evil Demon before all is lost. Your quest will lead you through caves, swamps, temples, and castles before reaching your ultimate challenge—the Demon himself. Wrath of the Demon combines spectacular graphics, animation, sound, and playability. It features 3MB of graphics data; 600 screens of action; 1400 frames of animation; over 100 monsters; more than 100 colors on screen; and smooth 60 frames per second, 15-level parallax scrolling for realistic 3-D effect. \$49.95
ReadySoft, Inc., 30 Wertheim Court, Unit 2, Richmond Hill, Ontario, Canada L4B 1B9, (416) 731-4175

◆ Xenon 2: Megablast

No one likes a bad loser. And no one comes more universally despised than the Xenites. For a thousand years they have been plotting revenge for their humiliating defeat in the last Galactic Conflict. Now they are back and the very fabric of time is in danger. Only you can save the day—not to mention the Universe. The Bitmap Brothers swing back into action with their award winning hit arcade-style game. The CDTV version features a special mix of the chart hit, Megablast by Bomb the Bass. Megablast has been remixed and remastered using a special technique pioneered by Roland to give you '3-D Sound.' \$49.95
MirrorSoft, Irwin House, 118 Southwark St., London, England SE1 0SW

▼ CDTV ACCESSORIES ▼

◆ Bookshelf Speakers

A matching set of high quality, sleek black stereo speakers with built-in audio amplifiers; connector cables included. To be released. CD1410
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

◆ CD1200 Trackball Controller

The Trackball controller increases the speed and control for fast interactive multimedia titles. With a trackball mounted in a weighted base and dual joystick connectors, the Trackball Controller is ideal for fast-moving programs that require instant decision-making. You can also plug in your favorite joystick and use it to operate your CDTV player. Commodore's Trackball Controller operates by either infrared remote control or by the plug-in cable provided. Available Summer 1991.
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

◆ CD1252 Remote Control Mouse

The Remote Control Mouse gives you real mouse control over your CDTV player without wires or cables. A two-button mouse, it is excellent for fine, fast control of CDTV titles such as painting and drawing titles. It has sleek styling in moulded black plastic and includes a battery-saver feature. Available Summer 1991.
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

◆ CD1400 CD Caddies

Set of two black caddies to hold and protect CDTV Multimedia, CD-ROM, and audio CD titles. *Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100*

◆ Game Controller

This infrared transmitter 'brick' has ports for wired joysticks; includes battery saver and optional wired connector.
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

◆ Keyboard Adapter Cable

Circuits and Software's CDTV A2000 Keyboard Adapter Cable allows you to connect an A2000 keyboard to Commodore's CDTV interactive multimedia machine. The three-foot cable is available now. \$19.95
Circuits and Software, 1052 Estates Court, Stockbridge, GA 30281, (404) 389-3875

◆ Personal Memory Cards

The CDTV Personal Memory Cards are a convenient way to save information for later use. Selected CDTV titles make use of the Personal Memory Card for saving position, scores, selected pictures, text, and other functions. Available in 64K (CD1401) and 256K (CD1405). To be released.
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

◆ Video Genlock Cards

The CDTV Genlock Cards let you combine CDTV visuals with video from a videocamera, videotape, or live television, and record the combined signal to a VCR. The Genlock mode is switchable between Video-Only, Combined (CDTV + video), or CDTV-Only. It can be controlled by the standard CDTV remote controller. Commodore's Genlock gives you instant control for many home and industrial video uses. Available in NTSC (CD 1300) and PAL (CD 1301).
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

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Desktop Video
Word Processing
Desktop Publishing
Music
Education
Business & Home Productivity
Programming
Utilities
Entertainment
Miscellaneous Software
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Memory Expansion
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Video Hardware
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PDS Guide

Of Freely Redistributable Software

The following is a list of the software available through the Fred Fish Collection, AMICUS, and the Amazing Computing Disks. This collection is a combination of shareware, freeware, and public domain software. For conditions and restrictions on the alteration and distribution of these titles, please refer to the individual descriptions and information available on their disks.

'881 Math Part I: Programming the 68881 math coprocessor chip in C Author: Read Predmore AC2

'881 Math Part II: Part II of programming the 68881 math coprocessor chip using a fractal sample. By: Read Predmore AC3

'Liner A shareware outliner whose function is to create outlines for notes or export to other programs. 'Liner can save an outline as ASCII text and is clipboard compatible. This version utilizes a number of AmigaOS 2.0 features and thus requires 2.0. Support for the new ECS Denise display modes is also included. Version 2.11, an upgrade to version 2.00 on disk 394. Includes source in C. Author: Dave Schreiber FF451, FF394, FF285

.Blanker2 A screen blanking program that turns the screen black after 90 seconds of keyboard and mouse inactivity. Implemented as a very tiny event handler to the input handler event stream. Version 1.27.88, includes source. Author: Joe Hitchens FF146

.Diff A program that uses the same algorithm as the UNIX diff program and also produces context diffs, suitable for use with patch. This is the same version that was distributed on FF138, but now includes the missing files (including source code). Author: Unknown (Decus C diff) FF142

.Keymap_Test A program to test the keymapping routines and find possible bugs. Useful as an example of keymapping. Author: Pushpa Kumar FF19

.Rim RIM-5 (Relational Information Manager) is a full relational DBMS that is suitable for VERY large databases using B-Tree data storage. It has a crude (by today's standards) user interface, but since full source code is provided, this can be fixed. Versions of RIM run on a wide variety of systems, small and large, and produce compatible databases. Also includes a built in HELP database and a programming language. Full Fortran source code and documentation included. Author: Various, Amiga port by Glenn Everhart FF143

1D_Cells: A program that simulates a one-dimensional cellular automata. Author: Russell Wallace AC5

3D Breakout 3D glasses, create breakout in a new dimension. AM15

3D-Arm The first stage of a larger project to study goal directed animation of articulated objects (objects which can move with various degrees of freedom but are constrained by attachment to other links within the object). This program demonstrates goal directed animation with a simulated 3-dimensional robot arm. Includes source Author: Bob Laughlin FF47

3DCube Modula-2 demo of a rotating cube. AM8

3DPlot A 3D function plotting program that does hidden line, solid, or contour plots of equations of the form $Z=F(X,Y)$. You can scale the plot, set plot limits, change rotation, etc. Can save and load the plots themselves, as well as the data. Version 2.0, includes source. Author: Randy Finch FF440

3DSolids 3D solids modeling prog. w/sample data files. ABasiC program AM1

3dsolids One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13

3dstars 3D version of Leo's 'stars' program (also on this disk). Author: Leo Schwab FF33

3DTicTacToe A three-dimensional four-in-a-row version of TicTacToe, human against computer. Version 1.2, binary only. Author: Ron Charlton FF366

6bitcolor Extra-half-bright chip gfx demo, C program in C source code and executable. AM3

8ColorWB Modifies the Workbench so three bitplanes are used, icons can have eight colors, instead of four, eight-color icons are included. Public domain program "zapicon" or "brush2icon" converts eight-color IFF brushes to icons, to use Deluxe Paint to make icons for this new Workbench. AM25

60or80 A small utility to toggle the 60/80 column text modes without having to go through preferences. Works from either the CLI or the Workbench. Includes source. By: Mark Schretlen FF157

64 Colors: Using extra-half-brite mode in AmigaBASIC. Author: Bryan Catley AC6

1812Overture The 16 minute classical feature complete with Cannon! AM23

68020 Text describes 68020 speedup board from CSA. AM1

A Shared Library for Matrix Manipulations: Creating a shared library can be easy. Author: Randy Finch. AC12

A-Genie Demo version of a shareware genealogy database program. The PAL version has been distributed in Australia and England for some time. This NTSC demo version is complete except that it is limited to 600 persons/300 marriages, does not support a text-editor to add free-form reports to records and does not show Digi-view pictures from within the program. The color requester is not included as this entails adding a library file to libs: and is not really needed. A-Genie needs 1Mb of ram, and a printer/2nd disk drive are a big help. Version 3.10, binary only. Author: Mike Simpson. FF425

A-Render Version.3 a Ray-Tracing Construction Set for the Amiga Computer by Brian Reed ED FF99

A68k A 68000 assembler originally written in Modula-2 in 1985 and converted to C by Charlie Gibb in 1987. Has been converted to accept metacomco-compatible assembler source code and to generate Amiga objects. Includes source. This is version 2.61, an update to the version on disk 186. Author: Brian Anderson; C translation and Amiga work done by Charlie Gibb FF314 FF186, FF110

A68Kex Twelve examples demonstrating the use of Charlie Gibbs A68K assembler. Over a quarter megabyte of assembly source code. Author: E. Lenz FF431

ABdemos AmigaBASIC demos. NewConvertFD creates .bmaps from fd files. BitPlanes finds addresses of and writes to bit-planes of the screen's bitmap. About Bmaps is a tutorial on creation and use of bmaps. LoadILBM loads and displays IFF ILBM pics. LoadACBM loads and displays ACBM pics. ScreenPrint creates a demo screen and dumps it to a graphic printer. Author: Carolyn Scheppner, Commodore-Amiga FF27

ABridge An interim solution to Anim-5 incompatibility problems. Identifies the origin of an Anim-5 file and modifies it to facilitate easy exchange between AniMagic, Videoscape, Animation Station, DPaint III, Animation: Editor(v1.11), The Director, SA4D, Movie2.0, Photon Paint 2.0 and Cel Animator. Fully intuitionalized interface, full ARexx support including a Find ARexx option if you start ARexx after running ABridge. This is version 1.0, shareware, binary only. Author: Ron Tarrant, Mythra-mations Animation and Software FF359

Access A 16 color terminal program based on Comm version 1.34 Includes new macro window, custom gadgets, colorized menus, etc. Version Beta 0.18, binary only. Author: Keith Young (based on comm by D.J. James) FF98

Accordion Demo version of a solitaire type card game. The object of the game is to condense all the cards into one pile. The cards are dealt face up from left to right, one at a time. Piles are built by moving a card or pile from the left onto a card or pile to the right. V 1.0.1, binary only. Author: Steve Francis FF260

acoustic guitar Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Acp A copy program with file name expansion and argument interpretation like the UNIX cp. Author: Fred Cassier FF36

Ada An Ada Syntax checker for the Amiga. Includes lex and yacc source. Author: Herman Fischer; updates by William Loftus FF154

Adapt CLI utility that converts special German characters in files imported from MS-DOS systems into the right Amiga codes. Can easily be changed to work with other languages. Version 2.2, includes source. Author: Lars Eggert FF378

Add Lets you create keyboard shortcuts for selection of menu items in programs where the author did not make provisions for such shortcuts, or chose ones that disagree with you. Also includes 'until' which waits for a specific named window to be created. Shareware, includes source. Author: John Russell FF73

addbook One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13

ADDCR V1.00 Utility to add CR's before LF's in files FF168 & 169

AddKickMem Adds the KickStart memory to your free memory on an Amiga 1000 with Kickstart in ROM. FF105

addmem Executable version for use with mem expansion article in AC v2.1. AM17

addmem.c Add external memory to the system. C program. AM4

Address Extended addressbook written in AmigaBASIC. Author: Mark Hurst FF32

AddressBook Simple database program for addresses. ABasiC program. AM1, AM8

ADL This disk contains a distribution of ADL (Adventure Definition Language). ADL is a superset of an older language named DDL, by Michael Urban, Chris Kostanick, Michael Stein, Bruce Adler, and Warren Usui. ADL enhancements were made by Ross Cunruff, who submitted this material for inclusion in the Fred Fish library. The standard library files 'GeneralInfo', 'Contents', and 'Distribution', along with their associated icons, have been added to the disk. The directory 'c' has been added, along with a very nice text reader program called 'less', which is the default tool for reading all the text files for which there are icons. Included here are the sources to the ADL compiler, interpreter, and debugger. The binaries were compiled by Ross with the Lattice 3.03 compiler. Ross noted in his letter that currently ADL is a CLI environment program only, but that he hopes to offer a more Amiga'ized version in the future. Also, the stack size should be set to at least 10000 before attempting to run ADL. FF91

ADoc A freely redistributable help utility for the Amiga. Allows you to have permanent help on any subject you want. Major feature is automatic searching of the word on which you clicked. Includes a 50 Kb help file (French only) on all Intuition and Dos function calls. This is version 3.10, binary only, French and English versions. Author: Denis GOUNELLE FF402

Graphic Arts
Desktop Video
Word Processing
Desktop Publishing
Music
Education
Business & Home Productivity
Programming
Utilities
Entertainment
Miscellaneous Software
Drives
Memory Expansion
Accelerators
Video Hardware
Miscellaneous Hardware
Accessories & Services
Books & Tapes
CDTV
PDS Guide
AMICUS Index
Fred Fish Index
Vendor/Product Registration
AC Back Issue Index
User's Groups
Vendor Information
Product Index by Product
Product Index by Vendor
Category Index
Last Minute Additions

Adventure A port of the classic Adventure game originally by Will Crowther and Don Woods. Has been extended to a 550 point version. Also speaks as it prints (though I found this feature annoying). Minimum 512K recommended. Binary only. Author: David Platt, Ken Welsch, Dave Haynie FF82

AdvSys An adventure writing system, as described in the May 1987 issue of Byte magazine. AdvSys is a special purpose programming language that was specifically designed to be used to write computer text adventure games. Version 1.2, binary only. Author: David Betz FF87

AdvTemplates A collection of PD spreadsheet templates for business and law, originally intended for Lotus 123 on IBMPC's. They have been transferred to the Amiga, loaded into Gold Disk's The Advantage, and saved as native Advantage files. Requires Advantage V1.1 or higher. Author: Amiga port by Michal Todorovic FF431

AegisDrawDemo Demo disk of the Aegis Draw program. This is the actual production program with only the 'save' feature disabled and without documentation (intentionally). Very impressive program! Received directly from Aegis Development. Cc Version of the UNIX like C compiler front end program, for Manx C. Previous released version was for Lattice C. Author: Fred Fish FF29

Aequipot A program that renders multicolor pictures using an algorithm based on electrostatic effects. Renders in low-res and high-res, and in two speed/quality modes. Includes both PAL and NTSC versions of the program. English and German docs. This is version 1.06, includes source in PCQ, freeware. Author: Juergen Matern FF474

Aerotoons Animations with anthropomorphed aircraft as the center of their humor. Includes Swiss Army F-16 In Combat and Stealthy Manuever II. Author: Eric Schwartz FF413

Aftterm Communications program utilizing IBM 3278 terminal emulation. Binary only. Author: Don Breton FF170

AHDM Amiga Hard Disk Menu. When placed in your startup sequence, AHDM offers a ten page menu, each page having up to ten possible actions. By double clicking on an action, that action will execute any legal AmigaDOS command, program, or script file. This allows you to interactively select which programs you wish to start or packages to install at boot time. Version 1.1a, binary only, demo version that only supports 2 pages of actions. Author: Scott Meek FF319

Ahost Amiga terminal emulator featuring ANSI terminal emulation, file transfer with CompuServe's B-Protocol, Kermit, and Xmodem, user definable function keys, script language, RLE graphics and a special conference mode for use with CIS. Version 0.9. Author: Steve Wilhite & George Jones FF40

AIBB Amiga Intuition Based Benchmarks is a program designed to test various aspects of CPU performance using a full intuition interface. Tests include 'WritePixel', Sieve, Sort, Savage, Dhrystone, and Matrix. Version 2.0, binary only. Author: LaMonte Koop FF439

AirAce A fast paced WWI biplane shoot'em up game built using Accolade's Shoot'Em Up Construction Kit. Binary only. Author: Robert Grace FF469

AirFoil An update to the Airfoil generator on FF 71. Generates airfoil models as well as their corresponding streamline and pressure distributions. Includes source. Authors: Russell Leighton Addendum by David Foster FF150, FF71

alarm Sound demonstration icon-driven part of a set on AMICUS 10 AM10

AlarmingClock A simple alarm clock program with a very alarming 'ring', particularly if you hook it up to your stereo and turn up the volume. Includes source. Author: Brian Neal FF229

Alert Program to create custom alert boxes and standalone programs to display them. Each alert can be up to 7 lines of up to 77 characters per line. Version 3.6, shareware, binary only. Author: Thomas Jansen FF417

algebra One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13

AlgoRhythms An algorithmic composition program that improvises music over a MIDI interface connected to the serial port. A MIDI interface and synthesizer are needed. The music does not have a strong pulse, and does not repeat motifs or melodies, but can be very pretty. Version 1.0 with source in C, and sample data files. Author: Thomas E. Janzen FF356

Aliases Text explains uses of the ASSIGN command. AM1

alib Object module librarian. Author: Mike Schwartz FF2, AM2

Alice This animation is Carey's entry to the 1988 Badge Killer Demo Contest. Author: Carey T. Pelt FF212

Alint Support files for Gimpel lint to make it useful on the Amiga Author: Thomas Althoff FF34

AList A directory listing program based on Dave Haynie's LD4 program, with extensions and enhancements. Includes source. Author: Ed Kivi (original by Dave Haynie) FF108

AllocMaster Allocmaster is a program inspired by Nick Sullivan's 'Reserve' article in Amiga Transactor, for controlling the amount of both Chip and Fast memory available to the rest of the system. It is very useful for testing applications in low-memory situations. It also has a snapshot feature to report differences in available memory before and after running an application. V 1.17, binary only. Author: John Gerlach Jr. FF221

AltIcon Sets a second icon image, displayed when the icon is clicked. AM8

AMC 'Amiga Message Center' Scrolls a message from a text file across the screen on a colorful background. Similar to the 'greetings' programs developed by European Amiga enthusiasts. V1.0, binary only. By Foster Hall FF182

AmCat Shareware disk cataloging program. Suggested donation of \$20. Binary only. Author: Brian Conrad FF67

amgseq1 One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13

AmiBack Demo version of a new backup utility. Features include backup to any AmigaDOS compatible device (such as floppies, removable hard disks, fixed media hard disk, and tape drives), no copy protection, configuration files, complete backups, incremental backups, selective backups, file exclusion filter, setting of archive bit, etc. Demo version does not have restore, compare, or scheduler. Version 1.0, binary only, requires AmigaDOS 2.0. Author: MoonLighter Software FF447

AmiBas Some miscellaneous AmigaBASIC programs, including a 3D plot program, a kaleidoscope, a C-A logo drawing program, a file comparison utility, a string search program, etc. Includes source. Author: Peter Kittel FF71

AmiBug Workbench hack makes the same fly walk across the screen at random intervals. Otherwise, completely harmless. AM24

AmicForm Creates a phonebook containing only those areacodes and exchanges reachable through PC-Pursuit. Update to the version on disk number 157. Works with the new Finalist BBS format. Version 1.4, Binary only. Author: John Motsinger FF178, FF157

AmiCron A simple UNIX 'cron' type program, which is a background task that uses a disk-resident table to automatically run certain tasks on a regular basis, at specific times. An enhanced and debugged version of AmiCron 2.3 from FF113. Includes source. Author: Steve Sampson, Rich Schaeffer, Christian Balzer FF139, FF113

AmiCterm A new terminal/communications program based on Dan James' 'comm' program, but greatly enhanced. Includes a script language, auto redialing, choice of display beep or audible beep, enhanced file requester, and more. Version .50 (beta), binary only. Author: David Salas and Albert Kirk FF82

AmiDock AmiDock is an Amiga version of the NeXT's Dock facility. It will open up a small window on your WorkBench full of little IFF brushes. Each brush represents an application, like an ICON but it's a brush. Click on the brush and your application will start. This is version 1.2.4. Shareware, binary only. Author: Gary Knight FF474, FF459

Amiga Developer's IFF disk This is a copy of the Amiga Developer's IFF disk, received directly from Commodore-Amiga sources, with permission to place in the library and redistribute. It is an update to FF16, and is unchanged except the volume name has been changed to AmigaLibDisk64.Enjoy-Fred. FF64, FF16

Amiga Flight Simulator IIAMICUS Scenarios Disk 16 contains several files of scenarios for Amiga Flight Simulator II. By putting one of these seven files on a blank disk, and inserting it in the drive after performing a special command. In this game, a number of interesting locations are preset into the Flight Simulator program. For example, one scenario places your plane on Alcatraz, while another puts you in Central Park. AM16

Amiga Kermit V4D(060) port of the UNIX C-Kermit. AM17

Amiga Turtle Graphics: Computer graphics and programming with a LOGO-like graphics system. Author: Dylan MnNamee AC10

amiga-copy One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13

amiga3d Shows a rotating 3 dimensional solid 'Amiga sign'. No source available, executable only (downloaded from a Denver BBS). Author: Barry (bart) Whitebook of C-A FF12, FF14

AmigaBBS AmigaBASIC bulletin board C program. AM12

AmigaBench Optimized Amiga assembly versions of the Dhrystone benchmark. Includes 68000 and 68020 versions. Author: Al Aburto FF236

amigademo Graphical benchmark for comparing Amigas. Author: Charlie Heath (MicroSmiths) FF1

AmigaDisplay Yet another variation of a terminal emulator program. This is a modified AmigaTerm that can emulate a dumb terminal (interesting paradox here somewhere...), translate line termination sequences, optionally capture or discard control characters in the captured file, use audible bell, use another font, etc. Author: Don Woods (Original code by Michael Mounier) FF18

AmigaFox A text processor with graphics capabilities. Version 1.00, binary only. Author: Michael Wust FF315

AmigaHost V0.9 for Compuserve. Includes RLE graphics abilities & CIS-B file transfer protocol. AM17

AmigaLine A series of various technical notes for Amiga programmers. Author: Bryce Nesbitt FF138

AmigaMonitor Dynamically display the state of the machine, including open files, active tasks, resources, device states, interrupts, libraries, ports, etc. Display window into memory. Version 1.13, binary only (source available from author). Author suggests \$15 donation. Author: Jim Voris FF70, FF40, AM15

AmiGantt A project definition and management tool designed to create a simple, interactive method of outlining the task required to complete a particular project, using the GANTT chart as the input format. AmiGantt displays the project in a multi-window mode with separate windows for the GANTT chart, task information input, resource histogram display, and Pert chart display. Up to 500 tasks may be defined for any project, and a project may contain other projects as tasks. Version 3.0.0, shareware, binary only. Author: Donald Tolson FF248

AmigaPet Another cute screen hack. Version 2.52b, binary only, source available from author. Author: Patrick Evans FF448

AmigaPunt A program designed to predict the performance of horses in a race. The premise is that the factors affecting a horse's performance, and ultimately the result of the race, can be given a value. Binary only. Author: Pierre A du Parte FF272

AmigaSpell Very nice intuition oriented shareware spelling checker, version 2.0, binary only. Author: Mike Berro FF67, AM8

AmigaTCP The KA9Q Internet Software Package supports IP, ICMP, TCP, UDP, and ARP as basic services, and implements the FTP, Telnet, and SMTP protocols as applications. It runs on IBM PC and clones, the Apple Macintosh, and the Amiga. Includes source. Author: Bdale Garbee, Phil Karn, Brian Lloyd FF225

amigaterm Terminal emulation program with xmodem upload/download capability. Author: Michael Mounier FF1

AmigaToAtari Source code for an Amiga to Atari ST object code format converter. Takes Amiga objects as input and produces Atari objects as output. This allows the Amiga to be used as a cross development machine providing the proper libraries are available. (Currently does not work, but I don't have an ST to try it with anyway...) Author: Landon Dyer at Atari Corp. FF20

AmigaTration A 'Concentration' like game for the Amiga, where you must locate matching tiles on a grid that can range from 4x4 (easy) to 12x12 (difficult). Version 1.0, binary only. Author: Gabe Dalbec FF453

AmigaTrek I Three stories which are a parody of the Star Trek series, with an Amiga flavor. Author: Mike Smithwick FF278

AmigaTrek II A continuation of Mike's Amiga Trek stories, which are parodies of the Star Trek series, with an Amiga flavor. Author: Mike Smithwick FF320

amigatricks Text, tips on CLI commands. AM5

AmigaVenture A program which allows you to write your own Infocom-style adventure programs in AmigaBASIC. It is a full-featured adventure parser, including direct and indirect objects, multiple object processing, adjectives, automatic ambiguity resolution, and subordinate clauses. The parser includes support for one, two, or three-word verbs, and a full set of object-manipulation primitives. Author: Mitsuharu Hadeishi FF41

AmigaWave This is Allen's entry to the 1988 Badge Killer Demo Contest. It is an animation with sound effects by: Allen Hastings FF211

AmiGazer Compute a view of the night sky, using a database of 1573 stars, for any date, time of day, and latitude. Click on stars for info about them. Binary only. Author: Richard Horne FF90

AmiGo A Go board and player for the Amiga. You can play against another human, against the Amiga, or have the Amiga play itself. Version 1.0, includes source. Author: Todd Johnson, Stoney Ballard FF289

AmiOmega Amiga port of the Omega game. Omega is similar to hack or rogue, but is much more complex. There is a city, several towns, a wilderness, lots of dungeons, a multitude of monsters, lots of spells, magic items, etc. There are several quests to complete. All in all, it is an excellent game. Requires 1Mb or more of memory. Amiga version 1.0, binary only. Author: Laurence Brothers, Amiga port by Rick Golembiewski FF320

Amoeba This clone of Space Invaders is one of the best freely redistributable games for the Amiga to date. Unlike many commercial games, it even works correctly in a multitasking environment (by not requiring you to reboot just to play a game). Highly recommended! Binary only. Author: LateNight Developments FF120

AMon 1.1 Snoop on system resource use. Executable program and documentation. AM19

amortize Loan amortizations program in AmigaBASIC. AM11

AmScsi Preliminary documentation for a hardware project to build a SCSI controller board. The design does not support DMA or AUTOCONFIG'ing. Author: Rich Frantz FF66

AMUC_Demo A really neat horizontal scrolling demo that is a 2400 x 200 pixel 32 color IFF picture composed of Digi-View snapshots of members of the Amiga Users of Calgary, superimposed on a very wide picture of the Calgary Skyline. Binary only. Author: Stephen Vermeulen and Stephen Jeans FF117

AMXLISP Amiga-ized version of the XLisp interpreter originally by David Betz. V2.00, includes source. By David Betz; Amiga work by Francois Rouaix FF181

AmyLoad A graphical monitor of CPU, blitter, and memory use. Includes two components: load.device, which monitors system parameters, and amyload, which is the user interface and display program. Includes source. Author: Jeff Kelley FF111

AmyVsWalker Another cute animation from Eric Schwartz. This one has Amy the Squirrel attempting to take a wrench to the a 'Walker' from 'The Empire Strikes Back'. Author: Eric Schwartz FF450

AnalogJoystick Software support for use of analog joysticks on the Amiga. Includes a driver, a header file for code that calls the driver, and an example program that uses the driver. Includes source. Author: Dave Kinzer FF247, AC4

AnalytiCalc A full featured system for numerical analysis and reporting. Includes a spreadsheet, graphics programs, documents and facilities for performing many commonly needed functions. Features include an 18000 by 18000 cell spreadsheet using virtual memory, random access to other saved spreadsheet formulas or values, easy save or merge of partial sheets, up to 400 windows on screen, ability to drive any cell from external macros, built in matrix algebra, random number generation, date arithmetic, and much more. This is version V24-01a, an update to FF176. Binary only. Author: Glenn Everhart FF328, FF176, FF144, FF104

Analyze Templates 12 templates for the spreadsheet Analyze. AM11

AngusCopy A disk copy program with intuition user interface. Version 2.0, shareware, includes source in Modula II. Author: Andreas Gunser FF455

AnimalSounds A sample of digitized animal sounds along with a simple sound player. Authors: The Trumor Company, Inc. Sound Player by Don Pitts FF149

Animate Tutorial describes animation algorithms, by John Draper. AM2

Animation? BASICally: Using cell animation with AmigaBASIC. Author: Mike Morrison AC7

Animations Some animations made with Aegis Animator. Includes a player program. Author: Aegis Development FF53

Animations VideoScape animations of planes and boing ball. AM22

AnimBalls A nifty little animation program that allows you to create a collection of balls in three-space and then interactively rotate them in real time using the mouse. Includes source. Author: Jim Guilford FF157

AnimPlayer An animation reader and display that is the result of a consortium of animation software developers, which includes the authors of Videoscape, Sculpt3D, Silver, Forms-In-Flight, and Animator:Apprentice. Includes source. Author: Martin Hash et al. FF96

Anims Some more cute animations from Eric Schwartz. Includes Batman, LateNight, and Terminal. Author: Eric Schwartz FF414

AniPtrs Some cute animated pointers. I have adopted one of them as my permanent replacement for the boring red arrow. Binary only. Author: Bob McKain FF332

AniPtrs2 Some more animated pointers to choose from to live up your display environment. Binary only. Author: Bob McKain, pointer animation program by Tim Kemp FF364

AniPtrs3 Some more animated pointers to choose from to live up your display environment. Other pointers from Bob are on disks 332 and 364. Binary only. Author: Bob McKain, pointer animation program by Tim Kemp FF394

ansi.txt escape sequences the CON: device responds to. AM15

AnsiEcho Some commands written in assembler. Includes an echo command, touch, list, cls (clear screen), and ask (wait for user input). Author: Dewi Williams FF39

ANSIEd Demo version of an ANSI screen file editor. It allows you to easily create and modify a screen of ANSI-style text/graphics on the Amiga. The standard ANSI color set (red, green, yellow, blue, magenta, cyan, white) and text styles (plain, boldface, underlined, italic) are provided, along with some simple editing and drawing functions. This demo version has the save features disabled. This is version 1.3.0. Binary only. Author: Greg Epley FF324, FF221

ANSIMaster ANSI editor that provides the full IBM font set and color capability. Very useful for the design of custom ANSI screens/graphics for telecommunications. Version 1.0, binary only. Authors: James Davis and Joe Rattz, Jr. FF378

AnsiRead2 Bridges the gap between IBM and Amiga ANSI by displaying IBM ANSI text and graphic animations (as usually captured from bulletin boards) in their full intended colors and motion. Includes several samples. Version 0.2, binary only, shareware. Author: Glenn Kauffman FF377

AntiCBS An animation cooked up by Leo in protest of CBS's coverage of the Hacker's Conference in Oct 88. After reading the transcript I was angered enough to feel this needed widespread distribution, even though it is quite old. by: Leo 'Bols Ewhac' Schwab FF217

APalAsm A Programmable Array Logic (PAL) program based on an old MMI Fortran IV program from the 'PAL Handbook' Second Edition and Third Edition by MMI. This Version (1.00) is completely rewritten for Fortran 77. The outputs produced are sent to separate files instead of the screen. There are plenty of example PAL files to test, inspect, or just to learn what PAL's are all about. The Fortran source is included with the instructions to compile using AC/ Fortran version 2.3. Author: Bob Metzler FF432

Append CLI utility that allows you to directly append one or more files to another without having to use the roundabout methods necessary with the AmigaDOS join command. Version 1.0, includes source. Author: Oliver Ensling FF379

APrf A freely redistributable printing utility for the Amiga. Major features are full intuition interface, preview function, page selection, margins setup, line numbering, and more. This is version 2.62, binary only, French and English versions. Author: Denis GOUNELLE. FF402

AQData Information to aid users in updating B. Lennart Olsson's Aquarium Version 1.12 database. Includes information on disks up to number 360. Author: Howard Hull FF369

Aquarium A program for searching through a special database containing information about the contents of the library, in order to find programs that match a specified list of conditions. Includes a database of disks 1-300, and a program to add the contents of future disks to the database. Binary only. Author: B Lennart Olsson FF301

ar Text file archive program, C program in C source code and executable. AM2

Arc The ubiquitous compressing archiver program that has become the defacto standard for distributing binaries and multi-file postings on most BBS's. This is Amiga version 0.23, a port of arc version v5.0, binary only. Author suggests \$35-\$50 donation. Author: System Enhancement Associates Amiga version by Raymond Brand FF70, FF40, AM8, AM17

ArchEdge Intuition interface for several of the more popular archiving utilities such as ARC, ZOO, LHARC and PAK. Includes an Auto-Pad function that will automatically add some morsels for the modem. Version 1.5, includes assembly source. Author: Robert Lang FF362

Archx Yet more programs for bundling up text files and mailing or posting them as a single file unit. Author: Martin Minow FF26

ArcPrep ArcPrep prepares files and/or directories for archival with arc or any other program that can't scan through different directories and/or handle long filenames. V2.1, includes source. Author: Garry Glendown FF214

ARCre Creates rename scripts so that files with long names can be easily archived and dearchived correctly by 'arc'. Author: John Hoffman FF53

arcrc for making "arc" files E.C. AM17

AreaCode Program which decodes area codes into state and locality. Version 1.5. Author: Bill Beogelein FF40

ARExx Part II: Information on how to set up your own ARExx programs with examples. Author: Steve Gilmor. AC7

ArgoTerm Yet another terminal emulator program. However, this one is written in macro assembler, so should be of interest to anyone doing serious assembly language development. Version 0.20 Author: Jez San FF12

Argoterm Terminal program with speech and Xmodem, Assembler program. source code and executable program. AM3

Graphic Arts
Desktop Video
Word Processing
Desktop Publishing
Music
Education
Business & Home Productivity
Programming
Utilities
Entertainment
Miscellaneous Software
Drives
Memory Expansion
Accelerators
Video Hardware
Miscellaneous Hardware
Accessories & Services
Books & Tapes
CDTV
PDS Guide
AMICUS Index
Fred Fish Index
Vendor/Product Registration
AC Back Issue Index
User's Groups
Vendor Information
Product Index by Product
Product Index by Vendor
Category Index
Last Minute Additions

Args: Passing arguments to an AmigaBASIC program from the CLI. Author: Brian Zupke AC2

Arp ARP stands for 'AmigaDOS Replacement Project'. Arp is an effort led by Charlie Heath of Microsmiths Inc., to replace the current DOS in a compatible fashion, so that current programs will continue to work. Arp also makes whatever improvements are possible, so that current and future pro, FF53grams will work better. Author: Various authors contributed work FF123

ARPTools A group of small utility programs requiring ARP, that have been created to address some deficiencies of the ARP CLI environment, especially to exploit the potential offered by non-named pipes in the ARP shell. Version 1.0, includes source. Author: Fabio Rossetti FF284

Arrange A text formatting program, Executable program. AM3

arrow3d Shows a rotating 3 dimensional wire frame arrow. No source available, executable only (downloaded from a Denver BBS). Author: Steve Beats of C-A FF12

ArticFox.pic A IFF screen from ArticFox. AM6

ARTM ARTM (Amiga Real Time Monitor) displays and controls system activity such as tasks, windows, libraries, devices, resources, ports, residents, interrupts, vectors, memory, mounts, assigns, fonts and hardware. Includes both a PAL and an NTSC version. This is version 1.0. Binary only. Author: Dietmar Jansen and F. J. Mertens FF327, FF277

As6502 Contains a portable 6502 assembler, including source in C. Author: J. Van Ornum; Amiga port by Joel Swank FF92

ASDG-rdd Useful shareware recoverable ram disk. This AmigaDOS device driver implements a completely DOS compatible disk device in memory that survives resets, guru's, and crashes. An absolute must for those with lots of ram. It now works with up to 8Mb of memory, and is written in assembly. Binary only. By: Perry Kivolowitz, ASDG Inc. FF241, FF58

ASendPacket Example program for sending multiple packets asynchronously to a DOS handler, for those interested in implementing programs with a synchronous AmigaDOS file I/O. Author: Phillip Lindsay FF35

Ash A ksh-like shell for the Amiga. Some of its features include command substitution, shell functions with parameters, aliases, local variables, local functions, local aliases, powerful control structures and tests, emacs style line editing and history functions, I/O redirection, pipes, large variety of built-in commands, Unix style wildcards, Unix style filename conventions, filename completion, and coexistence with scripts from other shells. Very well documented. V1.0, binary only. By: Steve Koren FF279

Ash Prerelease version of a C-shell like shell program. Has history, command substitution, loops, etc. By: Thorn Smith FF18

ASimplex An implementation of the Simplex algorithm for solving linear programs. It uses the standardized MPSX-format for input data files. This is version 1.5, an update to version 1.2 on disk 199. Changes include bug fixes, the ability to run from CLI, it's own window for I/O, and some new and improved commands. Includes source. Author: Stefan Forster FF250, FF199

Ask questions an 'execute' file, returns an error code to control. AM15

AskTask Allows you to examine various bits of the task structures of all tasks in the system, from the lists attached to ExecBase. Displays priority, state, flags, stack, signals, etc. You can also remove tasks, change the priority of a task, or send arbitrary signals to a task. Version 2/4/89, with source. By: J. Bickers FF230

Asm A shareware macroassembler, submitted by the author. Asm is a 68010 macro assembler that is compatible with the assembler described in the AmigaDOS manual. This is version 1.1, an update to the version on FF46, and includes bug fixes, additional standard Motorola mnemonics and a simple startup code module. Author: Douglas Leavitt FF50, FF46

Asm68k Full featured macro assembler, version 1.1.0, binary only. Well documented. By: W. Wesley Howe FF81, FF69, FF66

AsmExamples A couple of assembly code examples. Executables are not extremely useful but the code might be of considerable benefit to beginning assembly language programmers. Author: Henrik Clausen FF155

AsmFilter In AmigaBASIC turns the output of the Metacomco disassembler into a file that can be re-assembled. FF105

AsmProgs Some misc assembly tools, programs, etc. FF105

asmsupp.i Sample library example AM5

AsmToolBox An assembler 'toolbox' created to make interfacing between assembler programs and AmigaDOS easy. Includes source. Author: Warren Ring FF136

AsmTools Some CLI type tools, written in assembler (echo, load it, mounted, setlace, why). With source. By: Bryce Nesbitt FF79

ASpice A version of the SPICE 2G.6 circuit analysis program which has been modified to run in the Amiga environment. The program arrays are adjusted to require one tenth the memory of the DEC VAX version. Although this does not usually put much of a constraint on circuit analysis, some users who are used to the full mainframe environment may have to be more aware of the memory demands of their analysis. Requires a minimum of 1 MB memory. This version neither supports nor requires the 68020 processor or 68881 coprocessor. This is Amiga version 5.1, an update to FF177. Binary only. Authors: Many, see Documentation. Amiga port by Dan Warns. FF278, FF177

AssemblyDemos An interesting group of assembly language demos for your visual and aural pleasure. Binary only. Author: Foster Hall FF154

AssemTools A collection of files of great interest to Amiga assembly language programmers. The collection includes 140 macro routines which make assembly language programming a lot easier. There is also a library of routines containing buffered C-like file handling functions (fopen, fclose, fgets, fputs, etc) and a file name requester. All routines are re-entrant. Includes source for example programs using the macros and library, and a 65c02 cross macro assembler. Author: Jukka Marin FF247

Assign Replacement for AmigaDOS assign command, written in C. Author: Charles McManis FF52

AssignDev Assigns multiple names to a given device. For example, allows the names 'df0:' and 'df3:' to refer to the same physical device. This is a modified version of the original released on FF79. Includes source. Author: Phillip Lindsay, mods by Olaf Seibert FF111, FF79

Assigned Same code showing how to find out whether or not a name has been assigned (via the DOS ASSIGN command) before using it, thus avoiding the DOS Insert-Disk requester. Includes source. Author: Dan Green FF66

AssignX A 2.0-only utility to create assignments when you get a Please insert volume requester. Also lets you cancel the request, forever. Installs by dropping into your WBStartup drawer. This is version 1.0, includes source. Author: Steve Tibbett FF475

Asteriods 'blast the asteriods' type game. Unique feature is that all the images and sounds are replaceable by the end user. So instead of ships and rocks, you can have an Amiga against a horde of IBM PC's if you wish. Author: Rico Mariani FF122

AsteroidField This is Michael's entry for the 1988 Badge Killer Demo Contest. It is a large animation of a spacecraft flying madly through an asteroid field (chased by unseen foes) that includes a couple of near misses. Author: Michael Powell FF208

At Your Request: Using the system-supplied requestors from AmigaBASIC. Author: John F. Weiderhim AC3

ATCopy A program to copy files from the Amiga side of a system equipped with a PC/AT bridgeboard, to the PC side, using wildcards. Copies directly through the shared memory. Supports CLI and WorkBench usage. This is version 2.2, an update to version 2.1 on disk 429. New features include much faster copying and selection of all options using WorkBench. Shareware, binary only. Author: Peter Vorwerk FF458, FF429, FF406

ATerm V7.2 Term prog. includes Super Kermit. AM17, AM1

AtMovies Another of Eric's cute animations, this one starring his cartoon creation Amy the Squirrel and her boyfriend in some hijinks at the movies. Author: Eric Schwartz FF418

ATOF A small utility that allows you to use the fonts of another disk without using the CLI. Version 1.0, binary only. Author: Roger Fischlin FF245

ATPatch A program which reportedly will patch the Amiga Transformer for operation under Workbench 1.2 (I don't have one so I couldn't test it). Includes source. Author: Philip Staub FF61

Atree A disk utility which imitates similar utilities widely available on IBM compatibles (PC Tools, Xtree, QuickDos, etc). The intent is to allow the user a graphic representation of the entire directory structure on a disk device, including the files in each directory, and the capability of moving quickly through the tree to a directory to access its files. Version 1.7, binary only. By: Don Schmidt FF289

AudioIllusion: Experience an amazing audio illusion generated on the Amiga in Benchmark Modula-2. Author: Craig Zupke AC11

AudioTools Demo programs from Rob Peck's article in the July/August issue of Amiga World on accessing the audio device. This is version 2, an update to the release on FF84. Includes source. Author: Rob Peck FF94, FF84

AutoAddRAM Allows you to add several non-autoconfig memory boards at once, optionally specifying priority and memory chunk name. This is version 2.03, binary only. Author: Jonathan Potter FF412

AutoCLI A 'PopCLI' type replacement that works with WorkBench 2.0. Also fixes the problem with PopCLI crashing the machine if used on a PAL Amiga to open a CLI window with a vertical size greater than 200 lines. Other features include an optional Function-key press with the qualifier to execute an Script file. Version 1.88, and update to version 1.6 on disk 399, with more enhancements. Binary only. Author: Nic Wilson FF424, FF399

AutoEnquirer An example of a screen contraption that is like a requester except that it's not quite as demanding, goes where you want to put it, and remembers where it was put. Includes source and Manx'ified version of Chris Gray's fractalish terrain generator as a demo. Author: Howard Hull FF89

AutoFacc Autofacc automatically shrinks the ASDG FACC window and moves it to the back. Also allows the number of buffers to be increased or decreased. Most useful from the Startup-Sequence file while booting. Binary. By: Andry Rachmat FF81

AutoGraf Collects and graphically displays information on auto mileage. Features such as miles per gallon, cost per mile, miles driven, highs, lows, averages, etc. Includes sample data file, a couple utility programs and source. V1.0 By: Joel Swank FF166

AutoIconOpen Example code to fool WorkBench into thinking it is receiving mouse inputs that select and open icons. This is version 1.2, an update to the version on FF73. Includes source. Author: Tony Wills FF87, FF73

Automat Cellular automata simulation. AmigaBASIC Program. AM3

Automata Four cellular automata programs. AutomataTron is a one dimensional cellular automaton, Crud is a automation based on a sum index rule, Demon is a cyclic space automation described in the Aug 89 Scientific American, and Life is one of the oldest and best known of all cellular automata. Includes source. Author: Gary Teachout FF249

AutoPoint Autopoint serves two functions: It automatically selects the window underneath the mouse pointer and it provides a very nice screensaver facility. Binary. By: Jude Katsch FF86

AutoRequester example. AM14

autorqstr.txt Warnings of deadlocks with auto requesters. C program. AM4

AuxHandler Example of a DOS handler that allows use of a CLI via the serial port. Includes source. Author: Steve Drew FF79

AvailMem A small free memory counter that continuously displays the amount of free chip and fast memory in bytes (as opposed to K). V1.03. With source. Author: Dave Schreiber FF285

Avi An Amiga work-alike version of the UNIX vi editor. Though not especially recommended for beginners, designed for those of you who may have the vi commands permanently hard-coded into your fingertips! V1.0, binary only. By: Peter Nestor FF162

AvlTrees Library and test program that implement routines for creating and using balanced binary trees (AVL trees) held entirely in memory. Includes source. Author: Paul Vixie FF103

Az A nice little text editor that is fast, simple to use, and very Amiga 'ized-lots of new features, bug fixes, and other im-provements. Binary only. By: Jean-Michel Forgeas FF346, FF228

AZComm Modified version of Comm 1.34 that contains Zmodem send, receive, and resume receive. Version 1.00, Binary only. Author: SS. Patel, based on Comm 1.34 by DJ James FF171

AztecArp An Arp interface package fixed to work with Aztec 'C' version 5.0. This is version 1.9, an update to the version on disk 376, and includes a number of bug fixes and a couple of new features (such as vsprintf/vprintf/ vprintf-like Arp routines and fixes for Kickstart 2.0). Includes source in 'C' and assembly language. Author: Olaf 'Olsen' Barthel FF436, FF376, FF353

Back 2 programs to assist users of Matt Dillon's Backup/Restore program in making error-free VERIFIED backups onto floppy disks and useful as a trackdisk device example. With source. By: Stephen Verneulen FF284

BackDrop Backdrop allows you to define a pattern which will then be displayed on the workbench screen in the normally empty area behind all the windows. Similar in concept to DropCloth, but this one does not require workbench to be loaded (and does not cohabit very well with workbench). Includes source. Author: Eddy Carroll FF216

BackGammon A graphical Backgammon game done as an undergraduate A.I. course project. Version 1.0, includes source. Author: Robert Pfister FF120

Backgammon Another game in ABASIC by the author of Monopoly. Author: David Addison FF28

BackPac Demo version of a new backup program. Features include intuition interface, data compression, 907K written per floppy, full and incremental backups, full or selected restores, inclusion/exclusion patterns, user defined config files, multitasking friendly. Version 1.3, binary only. Author: Canadian Prototype Replicas FF447

Backup A simple backup program that writes normal AmigaDOS disks as the backup destination. To recover files, you just copy from the backup disk. Requires manual decisions about what subdirectories to backup to what disks to make everything fit. Includes source. Author: Alan Kent FF98

Backup Backup and Restore allow you to backup any directory tree with optional compression, and later extract all or part of the tree. The protection, date, and file comment are saved with each file. This is version 2.06, an update to version 2.04 on disk 258. Includes source. Author: Matt Dillon FF434, FF258, FF168 & 169

Badger Reminder program for your startup-sequence. Badger will open a window and display any important events that are 'due'. Badger will not bother you if there is nothing to report. Events are entered via menu and prompts. This is version 2.01e, an update to the version on disk 365, and includes many new features. Shareware, binary only. Author: George Kerber FF432, FF365

Ball Draws a ball, an AmigaBASIC Program. AM8

Balloon This animation with sound effects is Dave's entry to the 1989 BADGE Killer Demo Contest. Binary only. Author: Dave Schreiber FF272

balls Simulation of the 'kinetic thingy' with balls on strings where only the end balls move (quick, can YOU come up with a better description?). Anyway, cute. Author: Perry Kivolowitz FF1

BallyIII Amiga port of the former arcade game named Click. This version fixes some minor bugs and is faster than the previous versions. This is version III. Binary only, shareware. Author: Oliver Wagner FF232, FF221, FF205, FF181

BambooTiger BambooTiger in LoRes FF72

band One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13

banjo Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Bankn A complete checkbook system offered by the author as shareware. Update to version on FF120. Version 1.5, binary only. Author: Hal Carter FF163, FF120, AM20

banner Prints horizontal banner (across screen). From Decus C distribution of several years ago. Author: Unknown FF4

BasicBoing An AmigaBASIC program which shows animation by page flipping. Precalculates all views of a rotating 3Dimensional cube and then cycles through them rapidly for animation. Author: Arthur Blume FF43

BasicProgs Some more AmigaBASIC programs. LeastSquare solves least squares problems and graphs the results. Curves is a demo of one use for LeastSquare (find curves to fit a set of points). Freud is a Freudian analysis program. Includes source, needs AmigaBASIC from Extras. Author: George Trepal FF105

BASICSorts Examples of binary search and insertion sort in AmigaBASIC. AM22

BasicStrip An AmigaBASIC program that helps to convert programs written in other forms of Basic to AmigaBASIC. Author: George Trepal FF121

bass guitar Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Batch Files: Executing batch files from AmigaBASIC. Author: Mark Aydelotte AC4

Batchman A program that allows the user to execute CLI programs and batch files simply by clicking on a gadget. It can be used as the center of a turnkey system, where the user simply clicks on gadgets to launch applications. Version 1.1, includes source in Modula-II. By: Michal Todorovic FF325

BatchRequester A simple program which opens an Arp filerequester and writes the result to an environment variable. Very useful if used in batchfiles. Version 1.1, source code in Oberon. Author: Christoph Teuber FF436

BattleForce A nicely done shareware game, submitted by the author, that simulates combat between two or more giant, robot-like machines. This is version 3.61, an update to version 3.01 on disk 205. Binary only. Author: Ralph Reed FF273, FF205

Bawk Text processor inspired by the UNIX Bawk utility. This is an update to the copy released on FF 65. Bawk searches files for specific patterns and performs actions for every occurrence of these patterns. The patterns can be regular expressions. The actions are expressed using a subset of the C language. With C source. By: Bob Brodt; Amiga port by Johan Widen FF92, FF65

BBChampion This is BootBlockChampionIII, a very nicely done program that allows you to load, save, and analyze any bootblock. V3.21. New features include checks for five different LAMER viruses. Binary only. By Roger Fischlin FF298, FF244,

Bbm Demo of B.E.S.T. Software's Business Management System. A full implementation with file sizes reduced for demo purposes. By Business Electronics Software & Technology Inc. FF43

BBS A BBS for the Amiga (BBS-Amiga Version 1.1). Author: Ewan Grantham Author's suggested shareware donation: \$25 FF30

BbsList A list of Bulletin Board Systems which support the Amiga. The list was compiled from a list on Delphi, Compuserve, bathroom walls, etc. Author: Dick Sheffield FF43

BCBMusic A set of three original songs written and composed using the freely distributable MED v2.10

music editor. These songs do not require a separate player program because it is actually compiled in with the song. WB2.0 compatible. Binary only. Author: Brian C. Berg FF428

BCF FORTRAN-77 compiler, linker, and runtime support library. No Amiga specific hooks, just vanilla FORTRAN. ANSI compatible with extensions. Version 1.3c, binary only. Author: Andre Kostli FF470

BeachBirds Jerrold Tunnell's entry to the Badge Killer Demo Contest. Uses sprites and sound to portray a beach scene. Runs on a 512K machine. Binary only. Author: Jerrold Tunnell FF112

beep Source for a function that generates a beep sound, like CTRL-G on a VT100 terminal. Author: Samuel Dicker @ Commodore-Amiga FF14

bells Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Berserk This animation, unveiled at the September 87 meeting of the First Amiga Users Group, got Leo a standing ovation. It is a 'must see' for every Amiga user, and ranks up there with 'Juggler' as a premier demo for the Amiga. The difference between this distribution, and the one on disk 100, is that this one includes 'source'. I.E. it contains all the object descriptions necessary to recreate the animation. Thus you can, if you like, try modifying various objects to create slightly different animations, or use it as an example for creating your own animations. Seldom does a disk get devoted to a single program, however animation is one of the Amiga's greatest strengths, and I felt it was appropriate to have at least one animation that was available at the 'source code' level. Author: Leo Schwab FF132, FF100

Berserker Detects and eliminates viruses. Knows all 'popular' viruses and their kin, including the new 'Centurion' and 'Traveling Jack' link viruses. Comes with a resident handler which continually checks memory to prevent virus infection and a utility to fix programs corrupted by the 'Centurion' and 'Traveling Jack' viruses. Version 5.02, an update to the version on disk 355. Contains partial source in assembly. Author: Ralf Thanner FF436, FF355, FF280

Bertrand A graphics demo. AM8

Better String Gadgets: How to tap the power of string gadgets in C. Author: John Bushakra AC4

Bezier Simple programs to allow you to fool around with Bezier curves, using the mouse to move the points that define the curve and a prop gadget to change the granularity of the curve generation loop. Includes source. Author: Matt Dillon FF75

bgrep Another grep like utility, also using the Boyer-Moore algorithm. Author: Roy Mongiovi and Arnold Robbins FF4

BI A brush to C code image converter. This is version 1.3, an update to version 1.0 on disk number 184. Contains bug fixes and support for AmigaBasic. Binary only. Author: Terry Gintz FF375, FF184

BigBrother A virus infection detection program with some optional utilities. It runs as a normal task and checks every 1 second the important memory locations in the Amiga. As a bonus, BigBrother is capable of starting a new shell, starting script files, viewing and installing bootblocks. All this in a program less than 10K. Includes assembly source. Author: Erwin van Breemen FF473

Bigmap Program which demonstrates how to use the low-level graphics calls, ScrollVPort especially. Demonstrates scrolling around inside a very big bitmap. Author: Leo Schwab FF33

BigView Displays any IFF picture, independent of the physical display size, using hardware scroll. Default display size is 320 by 200 in lo-res; HIRES or LACE attributes added if user width/height exceeds low resolution boundaries. Includes source. Author: John Hodgson FF58

Bind A binding (glue) library builder. Takes a standard 'fd' (function definition) file and generates a binding library for the functions defined in the 'fd' file. Version 1.2, an update to the version released with midilib on disk 227. Binary only. Author: Bill Barton FF309

Bio-feedback/Lie detector Device: Build your own lie detector device. Author John Iovine. AC9

Graphic Arts
Desktop Video
Word Processing
Desktop Publishing
Music
Education
Business & Home Productivity
Programming
Utilities
Entertainment
Miscellaneous Software
Drives
Memory Expansion
Accelerators
Video Hardware
Miscellaneous Hardware
Accessories & Services
Books & Tapes
CDTV
PDS Guide
AMICUS Index
Fred Fish Index
Vendor/Product Registration
AC Back Issue Index
User's Groups
Vendor Information
Product Index by Product
Product Index by Vendor
Category Index
Last Minute Additions

Bison A replacement for UNIX 'yacc' command. This is from the GNU (GNU is Not UNIX) effort. Contains updates to the version on FF136, submitted by two separate sources. Includes source. Author: Bob Corbett and Richard Stallman, updates by William Loftus and Scott Henry FF155, FF105, FF136, FF51, FF4

BlackBook Keeps track of those important phone numbers and addresses. Shareware, author suggests \$30 donation. Author: Craig Nelson FF70

BlackBox The black box is an 8x8 grid in which several 'atoms' are hidden. Your job is to find the atoms. You have at your disposal a ray projector which you can use to send rays into the box from any of the 32 spots around the box. Binary only. Author: Tim Kemp FF178

BlackJack A blackjack simulation program with the ability to simulate nearly any casino blackjack game in the world. Allows the use of the most popular playing strategies and modifications to them. Has color coded strategy tables to enhance the learning of the strategy. Tracks basic statistics such as number of hands played, bankroll limits, casino profitability and others. Allows from 1 to 7 players, including the computer. Has online help, a demo mode, and a special practice mode. Version 1.01, shareware, binary only. Author: Dan Cogliano FF427

BlackJack A line oriented (no graphics) blackjack game. Author: Unknown FF19

Blankette VERY tiny screen blinder/dimmer. Very nice on your system, very little CPU time, compatible with just about everything. Dims screen rather than going black. Includes assembler source. Author: Max Bithead FF475

Blink A linker written as a replacement for Alink. Fully Alink compatible and supports many additional options not found in Alink. Also is much faster than Alink and produces smaller executable files. Version 6.5. Author: Combined efforts of the Software Distillery FF40, FF34, AM12

Blit This animation is Richard's entry to the 1989 BADGE Killer Demo Contest. An interesting feature of this animation is that it uses the Copper to show the lower right corner of the screen in Hi-Res, while leaving the rest of the screen in Lo-Res. Binary only. Author: Richard Addison FF276

BlitDemons This program implements the Demons cellular automaton as described in the August, 1989, issue of Scientific American. Using extremely simple rules it exhibits rather complex behaviour. Uses the blitter to perform over 350,000 cell-generations per second. Version 1.0, includes source. Author: Walter Strickler FF256

BlitLab Blitlab is a program which lets you experiment with the blitter, to your hearts content, in relative safety. It opens a workbench window with gadgets for all the registers of the blitter, and allows you to manipulate individual registers and perform blits on a magnified bitmap. V1.4, an update to FF84. Includes source. Author: Tomas Rokicki FF191, FF84, FF69, AM20

BlitterSand An interesting cellular automata program that gets its roots from a 'sandpile'. Intriguing to watch. Includes assembly source. Author: Mike Creutz FF387

Blitz Basic: Here are some examples created with M.A.S.T.'s integrated BASIC environment. Author: Paul Castonguay AC13

Blitz Blitz is a small program that is designed to be loaded into memory and that sits in the background until activated by its hot key. It allows you to view a text file, much like a TYPE command, only that it lets you move forwards and backwards through the file. Its screen updates are blitz'n. Binary only. By: Hayes Haugen FF60

BlitzFonts Blitzfonts makes text output up to 6 times faster, transparently to well behaved programs. It is also very small and written 100% in assembly for maximum speed. Binary only Author: Hayes Haugen FF60

Blk A requester making tool employing various recursive algorithms including a recursive parser. It takes input text files and converts them to C-source for including as requester declarations. Update to FF152, with many enhancements. Includes source. Author: Stuart Ferguson FF191, FF152

Blob Another screen hack. Makes red drops of slime flow down your screen. Version 1.1, includes source in C. Author: Guido Wegener FF358

Blobs A simple graphics program, reminiscent of the UNIX 'worms' program, but in color of course. By: Peter Engelbrite FF15

Blocks2 Amusing and colorful display of a moving trail of 'blocks'. Update to version on FF71, however this version also includes source. Author: Gary Walker FF156, FF71, AM1

bm A grep like utility using the Boyer-Moore algorithm. Author: Peter Bain FF4

BMAP Reader by Tim Jones. AM14

BMon System monitor AmigaBASIC program; perform simple manipulations of memory. AM24

BMP plays 8SVX sampled sounds in the background while something else is happening in the Amiga, as your Amiga is booting, for example. AM26

BNTools Three examples of assembly language code from Bryce Nesbitt. AM24

BobEd BOB and sprite editor written in C. In C source code, executable program and documentation. AM20

bobtest.c BOB programming example. C program. AM5, AM4

Boing! Boing! demo, with selectable speed. Executable program. AM9

BoingDemo Demo version of a neat game due for release in March 1990. It is fully functional but the play time is limited to five minutes per play. Version 0.30, binary only. Author: Kevin Kelm, Alternate Realities FF335

BoingMachine A ray-traced animation of a perpetual motion Boing-making machine, includes the latest version of the Movie program, which has the ability to play sounds along with the animation. By Ken Offer. AM24

BoingThrows A 50 frame HAM animation done with Sculpt-3D, and minor touchups with DigiPaint. The animation took about 325 hours of runtime to generate. Author: Marvin Landis FF134

boink Sound demonstration icon-driven part of a set on AMICUS 10 AM10

BootBack A handy little utility to copy and save the boot block from a disk, then later restore it should the disk get stomped on by some ugly virus. Includes source. Author: David Joiner FF157

BootBase Another bootblock save/restore utility. Includes an auto-compare function. Includes source. Author: Steven Lagerweij FF363

BootBlocks Detailed documentation on what a bootblock is and how it works, along with some sample bootblocks and a program to install a custom bootblock. Includes source for the sample bootblocks and the install program. By: Jonathan Potter FF242

BootCACHE Utility to turn off the 68020/68030 instruction and data caches upon rebooting. This improves chances of old programs (especially games) working on Amigas with one of these processors (e.g. the A3000). Version 1.0, includes source in assembly. Author: Nico Francois FF418

BootIntro This program creates a small intro on the bootblock of any disk, which will appear after you insert the disk for booting. This is the 'next generation' BootIntro, a more colorful version than the one on disk 244, but the text must be shorter. The first line can be up to 24 characters. The second and third lines can be up to 22 characters. The scrolling text can be up to 98 characters. This is 'next generation version 1.1'. Binary only. Author: Roger Fischlin FF245, FF244, FF188

BootX Yet another virus killer. BootX can check the bootblock of a disk, check memory for any resident viruses, and scan a disk for link viruses. It can load bootblock libraries for you to write on your disks as an alternative for the boring DOS install bootblock. It can load brain files so you can add any new bootblocks that BootX does not yet recognize. BootX is written completely in assembly for maximum speed and minimum size. Version 3.40, binary only. Author: Peter Stuer FF420

Bounce This program is Steve and Tom's entry for the Badge Killer Demo Contest. It creates little dots that bounce around and multiply. With source. By: Steve Hansel and Tom Hansel FF127

bounce One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13

Bouncer A 3D simulation of a bouncing ball written in Creative Solutions' Multi-Forth, with source included. By: Jon Bryan FF67

Bowl This is Vern's entry for the 1988 Badge Killer Demo Contest. It is a Sculpt-Animate animation that shows three colored balls flying in circles above a mirrored bowl. Rendering the animation took about 2 weeks. Distributed in zoo format because of its size (zoo program included for easy unpacking). By: Vern Staats FF209

box One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13

BPD1 Demo version of a new strategy game written in GFA-BASIC. German version only. Binary only. Author: Dirk Hasse FF411

BreakOut A 3D game. Requires 3D glasses. By Tim Kemp FF50

Bref A cross reference program for AmigaBASIC code. Generates a list of the BASIC code with lines sequentially numbered, plus a table showing all variables and labels used in the code, and the line numbers where they were used. Created from the CREF program on FF166, which was written by Mike Edmonds and Joel Swank. Version 1.01, includes source. Author: Dick Taylor FF283

Breshehan A Forth program which produces a Breshehan circle algorithm example. AM11

BrickOut Classic computer brick wall game, ABASIC program. AM1

brickout One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13

Bridging The 3.5" Chasm: Making Amiga 3.5" drives compatible with IBM 3.5" drives. Author: Karl D. Belsom. AC9

Brik A general purpose program that calculates both text and binary cyclic redundancy codes (CRCs). Text mode CRCs calculated by brik are portable across systems for files that are in the usual text format on each system. Binary mode CRCs are portable for files that are moved from system to system without any change. Brik can be used to verify and update an embedded checksum header in files. It runs under MS-DOS, UNIX system V, BSD UNIX, VAX/VMS, and AmigaDOS. This is version 2.0 and includes source. Author: Rahul Dhesi FF233

Brownian A demo based on both fractal theory and brownian motion. Includes source. Author: John M. Olsen FF206

Browse View text files on a disk, using menus in source code and executable, a C program. AM8

Browser A program that lets you wander around a file tree and peek into files, all with the mouse. Author: Mike ('I'll be mellow when I'm dead') Meyer FF18

Browser A programmer's Workbench. Allows you to easily and conveniently move, copy, rename, and delete files & directories from a CLI environment. Also provides a method to execute either Workbench or CLI programs. Version 1.7, an update to version on disk number 180, binary only. Author: Peter da Silva FF476, FF180, FF134

Browser Another version of the browser program released on disks number 18 and number 34. Includes some bug fixes and enhancements. Includes source. Author: Mike Meyer, enhancements by Mark Schretlen FF59

Browser Updated version of the browser program released on FF18. This one has been 'manxified', has scroll bars, and several bugs fixed. Author: Mike Meyer, enhancements and fixes by Bob Leivian FF34

Browser2 This browser type program is apparently not based on the original Mike Meyer version. Binary only. By Dan Green FF59

Bru Alpha 1 version of a hard disk and/or file archiver written for UNIX. This is a vanilla port, with very little Amiga smarts, but it is usable. Last freely redistributable version. By Fred Fish FF48

Brunjes Various tools submitted together by the author. StringPkg is string package for both Forth style and NUL terminated strings. Date&Time are handy tools for getting and printing formatted date and time. Utills are utilities used by the other files. CursorControl is an example of moving the text cursor. SpaceOrEscape is a handy word for pausing or stopping program output. Includes source code. Author: Roy Brunjes FF239

Brush2C Brush2C converts an IFF brush to C data instructions, initialization code. Executable program. AM9

Brush2Icon Brush2Icon converts an IFF brush to an icon. Executable program. AM9

Brush_4D Converts IFF images into Sculpt 4D object format. Works with any IFF image, including HAM & ExtraHalfprite. Convert brushes in full color, with optional wrap, to 3D shapes. Also includes optimization routine. Version 1.00, shareware, binary only. Author: Bruce Thomson FF361

Brushes Contains 53 custom brushes for use in DPaint while drawing schematics. Includes things like resistors, capacitors, gates, transistors, IC pacs, etc. Author: Jim Lee FF81

BrushIcon Converts brushes to icons (bizzarr docs). AM25

brushtoBOB Converts small IFF brushes to AmigaBASIC BOB OBJECTS, an AmigaBASIC program. AM11

bsearch.asm Binary search code. Assembler program. AM2

BSplines Simple program to fool around with B-SPLINES, ala Bezier programs. Includes source. By Matt Dillon FF75

Bspread: A powerful spread sheet program written in AmigaBASIC. Author Brian Cately AC1

BTE Bard's Tale character editor. Executable program and documentation. AM19

BTNTape A Better Than Nothing SCSI tape device handler. It provides flat file access to a SCSI tape drive from application programs using simple DOS calls to Read() and Write(). It can also be used with the Amiga TAR utility for disk backups. It requires a SCSI-direct compatible SCSI bus adapter but will also work with the A2090(A). It now supports many more tape drives, and has some new features. This is version 2.0, an update to version 1.0 on disk 392. Includes source. Author: Robert Rethemeyer FF471, FF392

Btree Routines to implement a B-tree algorithm and several accompanying tests, apparently derived from the single file version also included on this disk under 'Btree2'. Still buggy, but looks useful with a little work. Author: Richard Hellier, posted to usenet by Steve Jefferson FF34

Btree2 Previous (original) version of btree routines. Author: Richard Hellier FF34

Budget A program to help with managing personal finances. Version 1.302, an update to version 1.301 on disk 416. Binary only. Author: Le Lay Serge Camille FF452, FF416

Bugs Text of known bug list in Lattice C 3.02. AM1

Bully Mike Meyer's entry for the Badge Killer Demo Contest. Pushes all open screens around (thus the name 'bully'). Designed for showing off more than one demo at a time. Includes source. Author: Mike Meyer FF112

C Itoh Prowriter Printer driver for the C Itoh Prowriter. AM9

C Notes 6.2: A reminder program to display messages. Author: Stephen Kemp AC13

C Notes 6.3: Working with functions. Author: Stephen Kemp AC13

C Notes From The C Group: A discussion on cryptography. Author: Stephen Kemp AC12

C Notes From the C Group 5.8 & 5.10: Functions supporting doubly linked lists, and a program that will examine an archive file and remove any files that have been extracted. Author: Stephen Kemp AC11

C Notes From the C Group: Doubly linked lists revisited. Author: Stephen Kemp AC10

C Notes From the C Group: Writing functions that accept a variable number of arguments. Author: Stephen Kemp AC8

C Notes V4.9: Look at a simple utility program in C. Author: Stephen Kemp AC5

C Notes: Doing linked list and doubly linked lists in C. Author: Stephen Kemp AC10

C Notes:A A small program to search a file for a specific string in C. Author: Stephen Kemp AC4

C Notes:B The beginning of a utility program in C. By Steven Kemp AC4

C Notes:C Recursive functions in C. Author: Stephen Kemp AC7

C Notes:D A look at two data compressing techniques in C. Author: Stephen Kemp AC7

C Squared Graphics program from Scientific American, Sept 86. In C source code and executable. Documentation included. AM14

C-Functions A group of four little C-functions to add to your library to make your programming life a little easier. Includes source and a small demo program showing some of the results. Author: Lars Thuring FF164

C-kermit Port of the popular 'kermit' program, a flexible virtual terminal and file transfer program from Columbia University. Author: Unknown, ported to Amiga by Davide Cervone FF26

C-Light A demonstration copy of a commercial ray tracing program, which is identical to the commercial version except that it has been limited to ten objects per scene. Binary only. Author: Ronald Peterson FF146

C64Emul An April Fools spoof. Turns your Amiga into a C64, or at least makes it look that way. With source. By Eddy Carroll FF216

CacheCard An accessory to SetCPU for use with A2620 cards or 68030 systems. It modifies the MMU table set up by SetCPU to selectively control caching for each expansion card. It's also an example of how an accessory program can track down and modify the SetCPU MMU table without having to read all kinds of MMU registers and figure it out for yourself. Version 1.00, includes source. Author: Dave Haynie FF233

CacheDisk Improves floppy disk throughput by caching entire tracks of data. Buffers disk reads and writes for maximum speed gain and has a user settable number of buffers for each drive. Version 1.0, binary only. Author: Terry Fisher FF462

CAD An object-oriented drawing program, version 1.2.4. Uses a small set of graphics primitives (like 'line', 'box', and 'text') and a small set of editing functions (like 'move', 'size', and 'rotate'). While drawing and editing, the user can call on other functions to modify the display; to zoom in, slide around, superimpose a grid, etc. Shareware, binary only. Author: Tim Mooney FF74, FF59

CAI: A complete Computer Aided Instruction program with editor written in AmigaBASIC. Author: Paul Castonguay AC1

Calc A programmable calculator program with similarities to a hand-held RPN calculator. Can run either interactively or in 'script' mode by reading programs from a file. Version 1.0, shareware, binary only. Author: Bob Brooks FF103

Calc A shell style, command-line calculator. Calc does not have a fancy keypad display as many other calculator programs do. Instead, it is capable of taking its input from a file, the keyboard, or a command line and outputting its results to a file or the screen. It can also apply a single equation to all of the values stored in a file (or files). It handles all common mathematical expressions, can optionally predefine physical constants and store variables. Version 2.0, binary only. Author: Bill Dimm FF388

Calc A very nicely done scientific/programmer/plotter calculator. The scientific portion has most of the operations found on the more popular handhelds. The programmer portion has all the special hex/binary/decimal conversions as well as register operations like ASL, ROL, LSL, AND, OR, XOR, etc. The plotter portion will plot equations. Other features include 26 memories, full mouse or keyboard operation, pull-down menus, and iconization. V 3.0, binary only. by: Jimmy Yang FF210

CalcKey A basic four function, memory resident, pop-up calculator which uses only about 24K of memory and can automatically type the answer to any calculation into the program you were using when it was popped up. Version 1.0, binary only, shareware. Author: Craig Fisher FF235

Calculation Demo version of a solitaire type card game. The object of the game is to stack the cards into four ordered stacks, one that counts by one, another that counts by two, another that counts by three and another that counts by four. Version 1.0.2, binary only. Author: Steve Francis FF260

Calendar A program that generates calendars in any one of 10 standard formats for any year after 1900. Binary only. Author: Pierre A du Parte FF269

Calendar Appointment calendar which lets you visually add and update appointments. Can also run in background and remind you 15 minutes before any scheduled event. Amiga port by Bob Leivian FF34

Calendar Calendar/diary program written in AmigaBASIC. Author: Mark Hurst FF32

Calendar.WKS Lotus-compatible worksheet that makes calendars. AM18

Call Assembly language from BASIC: Add speed to your programs with Assembly. Author: Martin F. Combs. AC8

calliope Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Calls A little utility to help analyze the flow of a C-program by laying out the functions called in a hierarchical manner. Author: Originally from Usenet with major revisions by Kevin Braunsdorf, Amiga port by George MacDonald FF160

Canon PJ-1080A Printer driver for the Canon PJ-1080A. AM9

CanonBJ A printer driver for the Canon BJ series of printers. Faster and supports more graphic and text modes than the standard Commodore driver. Shareware, binary only. Author: Wolf Faust FF446

canvas One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13

Car A two-dimensional full screen scrolling racing game with realistic four channel stereo sound and overscan, for either NTSC or PAL Amigas. The goal is to guide your car around one of ten selected tracks. Each track has its individual high score list. Version 2.0, binary only. Author: Anders Bjerin FF336

Car This animation is one of Allen's entries to the Badge Killer Demo Contest. It apparently is an inside joke relating to a well known Amigan's experience with a certain highend graphics hardware manufacturer. Author: Allen Hastings FF123

car horn Sound demonstration icon-driven part of a set on AMICUS 10 AM10

cardco Text file of fixes to early Cardco memory boards. AM12

cardfi One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13

CardFile Simple card file database program. ABasiC AM1

CardFile Study aid card file program written in AmigaBASIC. Useful for organizing small blocks of data, such as can be done with a 3X5 card file system. Binary only. By James Parks FF90

CardMaker A programmer's aid for creating card image data that can be used in any card game that uses the standard 52 card deck. This is version 2.1, an update to version 1.0 on disk number 184. Contains bug fixes and support for AmigaBASIC. Binary only. Author: Terry Gintz FF375, FF184

Cards O'Rama A simple game that let's you push your memory. It is played with a deck of 32 cards, grouped in 16 pairs. The cards are shuffled and then displayed at the beginning of each game. Your goal is to pick up as many pairs as you can, until there are no cards left on the screen. V1.0, includes source. By Werther Pirani FF186

Graphic Arts
Desktop Video
Word Processing
Desktop Publishing
Music
Education
Business & Home Productivity
Programming
Utilities
Entertainment
Miscellaneous Software
Drives
Memory Expansion
Accelerators
Video Hardware
Miscellaneous Hardware
Accessories & Services
Books & Tapes
CDTV
PDS Guide
AMICUS Index
Fred Fish Index
Vendor/Product Registration
AC Back Issue Index
User's Groups
Vendor Information
Product Index by Product
Product Index by Vendor
Category Index
Last Minute Additions

Cartoon HiRES Color fantasy humor FF72

caseconvert Modula-2 program which converts Modula-2 keywords to uppercase. AM11

Casino Games of poker, blackjack, dice, and craps. A Basic program. AM3

CassEti Cassette tape label printer. Includes source in GFA Basic. Author: Thorsten Ludwig FF346

Castle A simple graphics adventure game suitable for beginners. Binary only, but source available with a small donation to the author. Author: H. James Fox FF174

Cathy A HAM picture of a pretty girl FF72

CBBS A WORLD-like BBS system for use in amateur radio. Originally written for IBM-PC compatibles, it was ported to the Amiga by Pete Hardie. This is version 6.71a, an update to Version 6.1c on disk 241. Binary only, source available from Pete Hardie. Authors: Hank Oredson, the CBBS group, Pete Hardie FF415, FF241

CBDump This is a CLI utility for those who are working with the Amiga's clipboard device. It's sole purpose in life is to dump the current contents of the clipboard to stdout or by redirection to a pipe or a file. Useful for testing and interfacing with programs that do not support the clipboard. Source included. By: Stephen Verneulen. FF326

Cc C compiler front ends for Manx and Lattice C, developed independently by Jay T's. These automatically filter off the annoying banner messages from various passes of the compilers. Author: Jay T's FF43

cc Aid to compiling with Lattice C. AM1

cc nix-like front end for Lattice C compiler. Author: Fred Fish FF2

CCLib An implementation of the standard C runtime library, with a few extra goodies thrown in. Supports a large number of functions including stream I/O, low-level I/O, string, memory, linked list, sorting, time, process control and more. Version 3.0, includes source and several utility programs. Author: Robert W. Albrecht FF399, FF260

CCutlils Eight small CLI utilities that use the cclib.library shared library. Includes a program to display disk usage on your menu bar, a program to check the integrity of IFF files, a program to remove shared libraries from memory if they are not being used, and more. Binary only. Author: Robert Albrecht FF286

CDDecl English to C (and vice versa) translator for C declarations. This little gem will translate english such as 'declare foo as pointer to function returning pointer to array 10 of pointer to long' into 'long *((*(foo)))[10]', and vice versa. Update from version on FF114. Includes source. Author: Graham Ross with enhancements by David Wolverton, Tony Hansen, Merlyn LeRoy, Udi Finkelstein and probably others! FF167, FF114

Cell Animation: Using cell animation in Modula-2. Author: Nicholas Cirasella AC5

CelScripts Makes cel animation scripts for Aegis Animator, in AmigaBASIC. AM21

cforth A highly portable forth implementation. Lots of goodies. Author: Allan Pratt FF3

Charon Charon is Bradley's entry for the First Annual Badge Killer Demo Contest. The text of the demo was written by Lord Dunsany (long before the Amiga). Bradley created the illustrations and animation. The sound track is a traditional Scottish tune 'The Arran Boat'. by: Lord Dunsany (1915), Bradley Schenck (1988) FF198

CheatSheet A compilation of cheats, hints, backdoors, helpful bugs, passwords, codes, solves, and walkthroughs for over 150 Amiga games. February 1st, 1991 edition, an update to January 1st edition on disk 431. Author: Mark Shnayer FF456

Check A useful little utility for finding structural errors in C-source code. Many command-line options. Version 1.03, binary only. Author: Keith Elbertson FF160

Check4Mem Allows you to check from a batch file for a specified amount of memory with certain attributes. If the requirements are not met, a WARN returncode is generated. Version 3, update to the version on FF242. Binary only. Author: Jonathan Potter FF412, FF242

CheckBook Checkbook accountant is a checkbook recording program intended to be used as a companion to a checkbook register, not a replacement. Offers a simple way of balancing checkbooks, tracking bank transactions, and recording budgeted transactions. Version 0.9, binary only. Author: Jeffrey Almasol FF425

CheckIFF Program to check the structure of IFF files and report any problems. Binary only. Author: Unknown FF81

CheckModem A program which provides for executing other programs from your startup file, if and only if there is actually a modem connected to the serial port. Author: Matt Dillon FF46

CheckPrt A small program for checking the presence of a parallel printer from within a script file. Binary only. Author: Tom Kroener FF479

Cheetah a picture of a cheetah. AM15

CheetSheet A compilation of cheats, hints, backdoors, helpful bugs, passwords, codes, solves, and walkthroughs for over 150 Amiga games. January 1st, 1991 edition. Author: Mark Shnayer FF431

Chemesthetics Chemesthetics is a program that draws molecules using the calotte model. This means that atoms are drawn as bowls. Using this model, even extremely dangerous molecules like dioxine look quite nice. Chemesthetics has a fully intuitionized user interface and pictures can be saved as IFF graphics files. Version 2.00, includes source. Author: Joerg Fenin / Metalworx FF427

Chess A port of a chess game posted to Usenet. This is an update to the version first included on disk 96. It has been upgraded to use an Amiga Intuition interface. Version 2.0, binary only. Author: John Stanback; ported to Amiga by Bob Leivian Version 2.0 upgrades by Alfred Kaufmann FF205, FF96

ChessTutor Chess tutor is a program designed to introduce novice chess players to the basics of the game. Shareware, written in AmigaBASIC. Author: William Jordan FF269

Child Toddler digitized forever in Amiga history, an IFF picture. AM7

ChinaChallenge A game similar to Shanghai or Mahjong. The goal is to remove all parts of the pile, the so called Dragon, step by step. This dragon is composed of 120 different game pieces. You can always find four pieces displaying the same picture or chinese symbols. This is version II, an update to the version on disk 312. Changes include some bug fixes, unlimited undo, saving and loading of games, background music, title screen, etc. Binary only. Author: Dirk Hoffmann FF444, FF312

Chop A program which uses a hotkey to chop a displayed screen down to a temporary maximum of 4 planes in lo-res or 2 planes in hi-res, allowing the processor full speed access to chip memory. Only the displayed screen is affected, the program painting the screen continues to work with the full color palette. Unchopping the screen puts everything back to normal. Version 1.0, binary only. Author: Nico Francois FF302

Chop Truncate (chop) files down to size, C program in C source code and executable. AM3

Chord Todor Fay's SoundScape module source code from his AC articles. The Lattice and Manx C source code is here, along with the executable modules. AM26

CIATimer Two versions of ciatimer routines to provide precise timing for applications requiring a high-accuracy real-time clock. Includes source and a sample executable. By Karl Lehenbauer, based on the original version by Paul Higginbottom FF178

cinclde Text file cross-reference to C include files. AM12

circle One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13

Circles A circles pattern generator, reminiscent of one of the early Amiga demos. Version 1.1, includes source in C. Author: Joel Swank FF304

CirPlane A circular plane generator for VideoScape 3D. Generates a clockwise circular polygon with the specified number of vertices. Used, for example, to cap a cylinder or to generate surface detail. Version 1.0, with source. By Thad Floryan FF101

CITAS Convert ILBM To Assembler Source. CITAS allows one to easily put graphics into his/her own programs. CITAS takes a standard IFF ILBM image file and converts it into either assembler or 'C' source code. Designed for blitter image control, all of the necessary labels are generated, along with color map information, mask generation, and other options. This is version 2.0, shareware, binary only. Author: Max Bithead FF475

claves Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Claz Converts IFF picture files to POSTSCRIPT. Works with Amiga HAM pictures, as well as 'normal' pictures. Also includes scaling. Version 2.0, includes source. Author: Steve Ludtke FF87

Claz2 Update of prog to convert IFF images to PostScript files for printing on laser printers. AM26

Clean A small program written in assembly code, to be used in conjunction with a cleaning disk, to clean your floppy drive heads. Version 1.0, includes source. Author: Dan Burris FF297

clean Executable program, spins the disk for disk cleaners. Documentation included. AM12

Cleanup Removes strange characters from text files. C program. AM3

Clear Fills unused areas of memory with a specific byte pattern. FF105

Cled A simple command line editor which allows you to edit your commands before and after they are processed. Uses the arrow keys and simple control sequence key-strokes for cursor positioning and editing tasks. Update to version on FF74, this is version 1.4, binary only. Author: Pat Empleo FF81, FF74

CLI-Colors A simple little program to change the colors of the border around a CLI window. Includes source in assembly code. Author: Michael Sinz FF248

CLI Utilities This directory contains several subdirectories with small utilities, collected from various sources, that are only usable from the CLI. See the Readme file for further information. Some include source. Author: Various FF162

CLICard Text file of a reference card for AmigaDOS CLI. AM1

ClickDOS A 'directory utility' type program which is reasonably small, uses a single window on the Workbench screen (which can also be iconified), does not rely on other programs for most of its functions, and is very memory efficient. This is version 1.10, binary only. Author: Gary Scott Yates FF276

ClickToFront extends the user-interface so that a double-click into a window brings it to the front. Now as long as you can see any part of a window you can bring it to the front without having to hunt for the page gadgets. Version 1.1, includes source. Author: Bryce Nesbitt FF86

ClickUpFront ClickUpFront is another program, similar in function to the ClickToFront program from disk 86, that allows you to bring any window to the front simply by double-clicking in any part of it. Version 1.0, includes source. By Davide Cervone FF94

CLIClock sClock, wClock are window border clocks. Source code, executable program, and documentation. AM14

CLICommands Text guide to using the CLI. AM1

CLIcon Allows you to run cli programs from the workbench, similar in operation to IconExec, but more versatile. Author: Bryan Ford FF167

CLImax A command like NewCLI or NewShell except that it creates a borderless CLI or Shell window on a custom screen. Now you can use the whole display just like a non-windowing computer. Requires ConMan 1.3 or newer. Release three, vastly improved over the first release on disk 224. Includes source. Author: Paul Kienitz. FF429, FF224

Clipboard Clipboard device interface routines to provide a standard interface, such as Open, Close, Post, Read, Write, etc. Author: Andy Finkel FF56

CLIPrint An example of printing to the CLI from assembly code. Includes source (of course). by: Jeff Glatt FF237

clist.bmap one of the necessary links between AmigaBASIC and the system libraries. AM8

CLIwindow CLIwindow allows you to manipulate the dimensions of a CLI window. It can be moved, enlarged, or shrunk. This is version 1.00. Includes source in assembly. Author: Roger Fischlin FF437

Cload An AmigaBASIC Program to convert Compuserve hex files to binary. Source code and documentation included. AM8

Clock Another clock program, comes in several flavors depending upon features desired, which include using alternate fonts, using alternate colors, setting the time, etc. Binary only. Author: Mark Waggoner FF59

Clock Two programs to put clocks on the WB screen. The executables are small (2Kb) and take little processor time (1.5%) to run. Version 1.4. Both programs require ARP. Source in C is included. Author: Stuart Mitchell FF416

Clock Updated version of the clock program released on FF15. Adds seconds display, free memory display, and faster updates Author: Mike Meyer FF36, FF15

Clock V1.00 Simple clock, configurable with config. FF168 & 169

ClockDJ A utility which combines a clock, mouse accelerator, screen blanker, window manipulator, function keys, and macros into a single program, written in assembly language for maximum efficiency. Includes an AREXX port. Version 4.07, binary only. Author: David Jenkins FF293

CloseMe Another ingenious perversion in the screen hack category. Don't miss this one...surely destined to become a classic! Includes source. Author: Charlie Gibbs FF167

CloseWB Simple program for use with MWB (also on this disk) to close a current WorkBench screen, and let you open WorkBench on a custom screen. Author: Matt Dillon FF65

Cloud A program that generates and displays fractal surfaces that look remarkably like clouds. Based on ideas from the book 'Fractals' by Jens Feder. Binary only. Author: Mike Hall FF216

CLS Clear Screen Command made for the purposes of being SMALL, and thus not wasteful of memory when made memory resident, it consists of 96 bytes of memory on disk! Includes source in assembly. Author: Bill Nelson FF237

cls A screen clear and CLI arguments example in Assembly. AM11

cls A screen clear program. Executable and source code. AM11

Clue Clue board game. Nice. Author: Greg Pryor FF45, AM8

CM A celestial mechanics simulator with an Intuition interface. You construct a layout of celestial bodies and specify various parameters for the bodies and the simulation. CM then animates the bodies according to the laws of gravitational attraction. Setups may be saved to disk to later reinact interesting scenarios. Version 1.0, includes source. Author: W. John Guineau FF280

CManual Parts 1 and 2 of a complete C manual for the Amiga which describes how to open and work with Screens, Windows, Graphics, Gadgets, Requesters, Alerts, Menus, IDCMP, Sprites, VSprites, AmigaDOS, Low Level Graphics Routines, Hints and Tips, etc. The manual also explains how to use your C Compiler and gives you important information about how the Amiga works and how your programs should be designed. The manual consists of 15 chapters together with more than 100 fully executable examples with source code. When unpacked, the manual and examples nearly fill up four standard Amiga floppies. This is version 2.0, an update to version 1.0 on disk 337. Because of its size, it is distributed on two library disks, parts 1 and 2 on disk 456 and parts 3 and 4 on disk 457. Author: Anders Bjerin FF456, FF337

CManual Parts 3 and 4 of a complete C manual for the Amiga which describes how to open and work with Screens, Windows, Graphics, Gadgets, Requesters, Alerts, Menus, IDCMP, Sprites, VSprites, AmigaDOS, Low Level Graphics Routines, Hints and Tips, etc. The manual also explains how to use your C Compiler and gives you important information about how the Amiga works and how your programs should be designed. The manual consists of 15 chapters together with more than 100 fully executable examples with source code. When unpacked, the manual and examples nearly fill up four standard Amiga floppies. This is version 2.0, an update to version 1.0 on disk 337. Because of its size, it is distributed on two library disks, parts 1 and 2 on disk 456 and parts 3 and 4 on disk 457. Author: Anders Bjerin FF457, FF337

Cmd Cmd redirects the serial.device or parallel.device output to a file. Useful for capturing print jobs for debugging or 'offline' printing. Version 4, includes source. Author: Carolyn Scheppner FF95, FF86, FF79

CMP V1.00 Utility to compare two files FF168 & 169

CNewsBin This is part 1 of a C News distribution for the Amiga. This part includes all the binary and text files necessary to set up and run C News. Part 2 is available on disk 473 and contains the source. C News uses UUCP, such as Matt Dillons implementation (see disks 479 and 480) or that included with this software's previous version (disk 319). This package has been reworked and now includes a newsreader, AmigaRN (Sharware). All major (and a few minor) features of Unix C News are implemented. The Author refers to this as release 15-Dec-90, an update to the original version on disks 318 and 319. Author: Various, Amiga port by Frank Edwards FF472, FF318&FF319

CNewsSrc This is part 2 of a C News distribution for the Amiga. This part includes all the source for C News. Part 1 is available on disk 472 and includes all the binary and text files necessary to set up and run C News on the Amiga. CNews uses UUCP, such as Matt Dillons implementation (see disks 479 and 480) or that included with this software's previous version (disk 319). This package has been reworked and now includes a newsreader, AmigaRN (Sharware). All major (and a few minor) features of Unix C News are implemented. The Author refers to this as release 15-Dec-90, an update to the original version on disks 318 and 319. Author: Various, Amiga port by Frank Edwards FF473, FF319

cnvaplghm Executable program that converts Apple II low, medium and high res pictures to IFF. With documentation AM12

CodeDemo Modula-2 program converts assembler object files to inline CODE statements and a screen scrolling example AM24

ColorArt Art drawing program in AmigaBASIC. AM8

ColorCatch A utility that lets you grab colors from a screen and save them as an executable file. Version 1.0, includes source in assembler. Author: Preben Nielsen FF396

colorcircles One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13

colorful Shows off use of hold-and-modify mode. Posted to usenet by Robert Pariseau. FF1

ColorReq A color palette library callable from any program. Used to adjust the colors of any screen. Automatically adjusts to screen size, number of colors. Has many features including SPREAD, COPY, UNDO, RGB, HSV, as well as customizable gadgets. Binary only. Author: Jeff Glatt and Jim Fiore FF257

ColorReq Describes the update to the color.library and has an example program, with source, that demonstrates its use. Author: Dissidents Software FF348

ColorTools Three tools that manipulate the colors of your screen. Binary only. Author: Dieter Bruns FF323

Colour A program to manipulate the colors of specific named screens, saving their current color sets to data files, loading new color sets from data files, or interactively changing the colors. Includes source. Author: John Russell FF126

Colourscope A shareware program that shows different graphic designs. Author: Russell Wallace AC5

ColumnSet A text filter program that takes as input a file with one word per line and produces a file with these words laid out in the same order in even columns, as many as will fit across the output screen or page with at least one space between columns. Includes source in Modula-2. Author: Kent Paul Dolan FF270

Comal Demo of AmigaCOMAL (missing only SAVE), an incremental p-code compiler from Denmark. COMAL is a language with the design goal of combining the modern structured approach of Pascal with the ease of use and interactivity of BASIC. There are versions of COMAL for IBM, VAX, CP/M, C-64, Amiga and various European operating systems. Includes a complete turtle graphics package. Perfect for education yet powerful enough for applications programming. V2.0, binary only. By Svend Daugaard Pedersen Freddy Dan Dalgas Kristiansen FF296

COMAL.h Make C look like COMAL header file. In C source code, and documentation. AM19

Comm Source release for comm version 1.34. Last release on FF71 was binary only. FF75, FF71, FF67, FF48, AM17

Commands Shorter guide, in text, to AmigaDOS CLI commands. AM1

Commodities Commodities Exchange, an Amiga exec library which can be opened and used by application programs to gain access to input in a very flexible way. This is a 'minimal, binary only' copy. Source may be available on a future disk. Version 0.4. Author: Jim Mackraz FF87

Commodore IFF This is a copy of the official November 1988 Commodore IFF disk. All the files in the 'documents' directory are in zoo file 'documents.zoo' FF185

Compactor, Decoder Steve Michel AmigaBASIC tools. In C source code and documentation. AM20

CompDisk A disk compression/disk compression package which was written to be fast and easy to use. Includes an ARP and an Intuition interface. Includes source in 'C'. Author: Olaf Barthel FF353

Compiler An optimizing C compiler for the 68000. Has successfully compiled itself on a 68000 based UNIX system V machine, but has yet to be fully ported to the Amiga. It will currently produce assembly output for simple C routines on the Amiga, but needs lots of work to be really useful as anything other than a learning tool. By Matthew Brandt FF53

Compress Compress reduces the size of the named files using adaptive Lempel-Ziv coding. The amount of compression obtained depends on the size of the input, the number of bits per code, and the distribution of common substrings. Typically, text such as source code or English is reduced by 50-60%. Compression is generally much better than that achieved by Huffman coding (as used in 'pack') or adaptive Huffman coding (as used in 'compact'), and takes less time to compute. By Thomas Spencer, with improvements by others FF51, FF6

ComputerBlocks An IFF image of multicolored computer composed shapes as blocks. AM7

CONFIG V1.00 Used to configure friendly programs like DME for the initial window placement (configures the executable) FF168 & 169

Conman Extremely useful replacement for the standard console handler, provides line editing and command line histories. Completely transparent to any application program that uses CON: windows. This program is shareware, and well worth a donation to the author. This is version 1.3e, an update to version 1.3 on disk 165. Changes include updates for WorkBench 2.0 console refresh and cut/paste, and improvements to window resizing. Binary only. Author: William Hawes FF426, FF165, FF133, FF100, FF90, FF81, FF69

ConPackets Demos the use of DOS packets, finding the Window pointer and ConUnit pointer of the CLI window, toggling Raw mode, getting cursor position and limits from the ConUnit, and ESC-sequence cursor positioning. By Carolyn Scheppner FF56

Conquest Lore of Conquest is a war game similar in concept to the board game Risk. You are the lord of an entire world, destined to rule the galaxy. Some worlds are virgin fruits, ready for you to colonize. Some worlds have natives who do not wish to accept your rule, these you must conquer for they will yield more valuable resources. As you claim the galaxy you will find, you are not the only one extending your

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Accessories & Services
Books & Tapes
CDTV
PDS Guide
AMICUS Index
Fred Fish Index
Vendor/Product Registration
AC Back Issue Index
User's Groups
Vendor Information
Product Index by Product
Product Index by Vendor
Category Index
Last Minute Additions

dominion. This is a two-player game, so be prepared to defend yourself and take what is yours! Version 1.3, an update to version 1.2 on disk 432. Binary only, shareware. Author: Michael Bryant FF459, FF432

Conquest You control an interstellar empire, decide which star systems to explore, which planets to colonize, etc. The computer will also be building its own empire and competing with you for resources. The one with the greatest population at the end wins. First distributed in executable form only on FF10. This distribution includes source. Author: Unknown, reported to Amiga by Rob Shimbo Second release of a csh-like alternative to the CLI, first released on FF14. Has alias, built in functions like 'dir' for speed, history, named variables, command re-execution with substitution, etc. Author: Matt Dillon FF24, FF10

cons Console device demo program with supporting macro routines. Author: Rob Peck FF5

Console Console is a new set of routines to get around some of the problems with the standard system routines, and includes some simple graphics routines. With source. By Jim Cooper FF69

console.bmap one of the necessary links between AmigaBASIC and the system libraries.diskfont.bmap AM8

consoleIO.c Console I/O example. C program. AM4

consoleIO.txt Copy of the RKM console I/O chapter. C program. AM4

ConsoleWindow Example program for finding the intuition pointer to an AmigaDOS CON: or RAW: window, so you can do WindowToFront, graphics, and other interesting things. (Requires AmigaDOS 1.2) Author: Andy Finkel and Robert Burns FF35

Contact Demo version of a 'pop-up' program for managing personal contacts. Allows you to keep a name and address list along with phone numbers and comments. Can print mailing labels with a couple of mouse clicks (supports PostScript printers). Names and address can be 'clipped' into other programs such as word processors, and Contact can even dial your modem for you. Version 1.0, binary only. Author: Craig Fisher, CMF Software FF384

Control Program which provides finer control over the printer device. When it sees a DUMPRPORT, it fires up a requestor and lets you play with the values being passed in the IO Request block. Includes source. Author: Andy Finkel FF74

Conundrum: An AmigaBASIC program that is a puzzle-like game, similar to the game Simon. Author: Dave Senger. AC8

Convergence: Part five of the Fractal series. Author: Paul Castonguay AC10

Convert Converts 39 different image formats into CBM standard 24 bit IFF files for display on devices such as Black Belt Systems HAM-E product. Version 1.6, binary only. Author: Pete Patterson and Ben Williams FF451

ConvertDoodle Converts Commodore 64 Doodle files into Amiga format. AM11

ConvertKoala Converts Commodore 64 Koala files into Amiga format. AM11

ConvertPrintShop Converts Commodore 64 PrintShop files into Amiga format. AM11

ConvMacF Converts Macintosh type 1 Adobe fonts to a format usable on the Amiga. Reads a compressed Macintosh format Adobe font file and unpacks it to an ASCII text file, which permits sending the font to a printer as a PostScript program. Includes source. Author: Unknown, Amiga port by Joe Pearce FF455

Cookie Fortune cookie program. Includes source. Author: Richard Stevens FF65

CopDis A copper list disassembler that can be run from the CLI or linked with and run directly from an application program. This is version 0.0a and includes source. By Karl Lehenbauer FF261

Copper A copper list disassembler. Dumps the contents of a hardware copper instruction list. By Scott Evernden Inst FF43

CopperBars A simple but pretty demo of some rolling copper bars. Author: Jonathan Potter FF412

CopperMaster This program allows you to easily create your own custom copper lists for the Workbench screen. Author: Jonathan Potter FF412

Copy A replacement for the AmigaDOS copy program that is upwardly compatible, plus includes some new features like date preservation. V1.0, includes source. By Jeff Lydiatt FF75, FF13

Cos A 'Wheel Of Fortune' style game in AmigaBASIC. Author: Steve Michel FF51

Cosmic An interstellar multiplayer game of War and Peace. From the looks of the documentation file, it appears fairly extensive! Version 1.01, includes source. Author: Carl Edman FF178

Cosmo An 'asteroids' clone. Suggested \$6 donation. Author: John Harris FF40

Cosmorooids A version of 'asteroids' for the Amiga. AM15

Coyote Another cute animation from Eric Schwartz. This one is Coyote 2: The Road Test, Eric's tribute to Chuck Jones. Has the typical Roadrunner and Coyote mayhem. Author: Eric Schwartz FF417

Coyote Gene's entry to the 1988 Badge Killer Demo contest. A very cute (and large) animation. Requires about 1900 blocks of disk space, so it is in 'arc format'. By Gene Brawn FF207

cp A UNIX-like copy command. Executable program. AM11

CPlot Graphs linear functions in two dimensions, similar to a Mandelbrot plot. You start with a linear function like $10\sin(x*2+y*2)$ and CPlot treats each point on the screen as an X-Y coordinate, color-scaling it according to its magnitude for a preset range of inputs. Includes some very nice sample creations. Version 1.0, binary only. Author: Terry Gintz FF392

CPM A program to compute mandelbrots via the Continous Potential Method, as described in the book The Science of Fractal Images by H. O. Pietgen and D. Sape. It is used to make 3-dimensional pictures of the mandelbrot set. This is a batch mode type program so several images can be generated, one after the other, without any human interaction. Includes source. Author: Lars Clausen FF303

CPM Another CP/M emulator independently authored from the version that appeared on FF 157. Emulates a CPM computer with a Z80 processor connected to an ADM3A terminal. Assembly source included. Author: Ulf Nordquist FF165

Cpp A copy of the Decus cpp, ported to the Amiga. This cpp is more powerful and complete than either of the built in cpp's in Manx or Lattice C. A modified version of the UNIX like cc frontend, for Manx C, that knows about the cpp is included. It has had some ANSI features added. Includes source. cpp by Martin Minow, cc by Fred Fish; Olaf Seibert FF338, FF28

cpri cpri shows and adjusts priority of CLI processes in C source code and executable. AM11

CPU Two programs, one in C and one in assembler, which check for CPU type. This version can detect 68000, 68010, 68020, and 68881 processors. Includes source. Author: Ethan Dicks, based on WhatCPU by Dave Haynie FF329

CPUStandoff This cute 'computer wars' animation is Bob's entry to the 1989 BADGE Killer Demo Contest. Lots of visual jokes in this one. Binary only. Author: Bob Janousek FF271

CR2LF Converts carriage returns to line feeds in Amiga files, C program. AM3

CrazyEight Card game based on the children's traditional favorite. AM3

Crc Two programs that are very useful for generating 16-bit CRC listings of the contents of disks, and verifying that a given disk's files still compute to the same CRC's as listed. Version 1.0, binary only. Author: Don Kindred FF133

CrcLists Complete CRC check files for disks 401-470 using the brick program. These were made directly from

my master disks. This is an update to the lists on disk 401. Author: Fred Fish FF474, FF401, FF293, FF233, FF173, FF146, FF133

creaport.c Create and delete ports. C program. AM4

creastd.c Create standard I/O requests. C program. AM4

creatask.c Creating task examples. C program. AM4

Creative And Time-Saving Techniques: Enchancing and fine-tuning images through definition. Part of the Fractal series. Author: Paul Castonguay. AC13

Cref A C cross referencer program. Prints out your code with line-numbers and complete key-word cross-referencing. Update from version on FF 103 which had a serious bug. Includes source. Author: Mike Edmonds; Amiga port by Joel Swank FF166, FF103

Cribbage Another game in ABasiC by the author of Monopoly. Author: David Addison FF28

crlf adds or removes carriage returns from files. In C source code and executable. Documentation included. AM14

CRobots A game based on computer programming. Unlike arcade type games which require human input controlling some object, all strategy in CRobots is condensed into a C language program that you design and write, to control a robot whose mission is to seek out, track, and destroy other robots, each running different programs. All robots are equally equipped, and up to four may compete at once. This is version 2.3w. Binary only, source available from author. Author: Tom Poindexter, Amiga by David Wright FF345, FF331, FF311

Cross A program that creates crossword puzzles. Has a message data file to allow easy translation into almost any human language, with English and German currently supported. This is version 3.3, includes source in M2Amiga Modula-2. Author: Jurgen Weinelt FF464

CrossDOS A 'tryware' version of a mountable MS-DOS file system for the Amiga. This is a software product that allows you to read and write MS-DOS/PC-DOS and Atari ST formatted disks (Version 2.0 or higher) directly from AmigaDOS. This tryware version is a 'readonly' version, which does not allow any writes to the disk. A fully functional version is available for a very reasonable price from CONSULTRON. This is version 4.00b, an update to version 3.05b on disk 252. Binary only. Author: CONSULTRON, Leonard Poma FF382, FF252, FF240

Crunch Removes comments and white space from C files, in source code and as an executable, a C program. AM8

Crunchy Frog II: Adding windows and other odds and ends. Author: Jim Fiore AC10

Cryptor A program that encrypts and decrypts data (files). It uses a mathematical algorithm with password key protection. Has both English and German versions and documentation. This is version 1.0, binary only. Author: Thomas Schossow FF480

Csh Version 4.02a of a csh like shell derived from Matt Dillon's shell, version 2.07. This is an update to version 4.01a on disk 331. Changes include bug fixes, preservation of file protection bits by cp, some new commands, and reformatted documentation. Includes source. Author: Matt Dillon, Steve Drew, Carlo Borreo, Cesare Dieni FF458, FF331, FF309, FF223, FF199, FF145, FF107, FF85, FF55, FF48, FF41, FF36

CSquared Implementation of Circle Squared algorithm from Sept '86 Scientific American 'Computer Recreations' column. Produces wildly colorful but mathematically precise patterns. By Bill DuFree FF38

Ct An Amiga program to display images from a CT scanner, along with several new interesting sample images of scans of real people. The display software, though it has a primitive user interface, is quite powerful, including functions like convolutions, averaging, laplacians, unsharp masking, edge detection, gradients, etc. This is version 2.2, an update to the version on disk 137. Binary only. Additional image disks available from author. Author: Jonathan Harman FF235, FF137

CTags Create a tags file from the specified C, Pascal, Fortran, YACC, lex, or lisp sources. A tags file can be used by a cooperating editor to quickly locate specified objects in a program's source code. Berkeley V4.7, with source. By Ken Arnold, Jim Kleckner, and Bill Joy Ported to Amiga by G. R. (Fred) Walter FF197

CType Another text file reader, but this one is small, reasonably fast, and includes bi-directional scrolling, search, go to a given percentage, and printing capabilities. Version 1.0, includes source in assembly. Author: Bill Nelson. FF237

cubes1 One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13

Cucug This animation of the Champaign-Urbana Commodore Users Group logo was submitted to the 1988 Badge Killer Demo Contest by Ed Serbe. FF213

Curses A link library containing many of the terminal independant standard 'curses' functions. Designed primarily for those interested in porting UNIX screen based programs to the Amiga. Version 1.22, an update to version 1.10 on disk 391. Includes source and examples. Author: Simon John Raybould FF439, FF391

Cursor A 3-pass BASIC Compiler for BASIC programs written in AmigaBASIC, does not yet support all of the BASIC commands but is able to compile itself. This is version 1.0, includes source. Author: Jurgen Forster FF347

CustReq A glorified ASK command for your startup-sequence. It generates a requester with the specified text, positive and negative gadgets (either of which can be the default), and an optional timeout value. This is version 4, an update to the version on disk 242, binary only. Author: Jonathan Potter FF412

CustReq A glorified ASK command for your startup-sequence. It generates a requester with the specified title, text, positive and negative gadgets (either of which can be the default), and an optional timeout value. Version 2, includes source. Author: Jonathan Potter FF242

CutAndPaste Public domain implementations of the UNIX cut and paste commands. Includes source Author: John Weald FF97

cutpaste One of the many basic programs from FF13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13

CWDemo Demo version of a pop-up utility to control the color register assignments of Intuition custom screens. V3.2, an update to FF238. Binary only. Author: Kimbersoft FF283, FF238

Cycles A simple but enjoyable game apparently inspired by the cycle game in the movie 'Tron'. Version 1.0, binary only. Author: John G. Gilmore FF78, AM22

CyclicSpace A Griffeathian cyclic space generator program. Implements a cellular automaton as described in the August 89 issue of Scientific American. V 1.42, includes source in assembly code. Author: A. J. Brouwer FF255

Cycloids An updated version of the hypocycloids (electronic spiograph) program first released on FF27. By Terry Gintz FF49

CygCC: An ARexx programming tutorial. Author: Duncan Thomson. AC11

CygnusEdDemo Demo version of CygnusEd, an editor from CygnusSoft Software. CygnusEd supports simultaneous editing of multiple files, multiple views of the same file, very fast display, margins, word-wrap, status-lines, insert/overstrike mode, online help, soft scroll borders, screen overscan, adjustable tab size, macros, text formatting options, block/line/word cut/copy, and more. Also includes demo 3.0 version of MandFXP Binary only. Author: CygnusSoft Software FF95

Cyrillic Cyrillic (Russian) 12-point font. Author: Elaine and Timm Martin FF427

CyroUtils Four handy animation utilities from Cryogenic Software. Includes an animation creation tool that allows you to combine selected pictures into a standard animation, an animation information tool that is used to extract certain information from a given animation, an animation combining tool that allows you to join two animations into a larger one, and an animation splitting tool that allows you to split one animation into two smaller ones. Binary only. Author: Cryogenic Software FF428

CZEd A complete midi package for use with all Casio CZ synthesizers. Contains a full fledged sound editor, a split simulator for CZ-101/1000/230S, a bank loader and a memory dump for CZ-1. This former commercial package is now shareware. Binary only. Author: Oliver Wagner FF323

D2D-Demo Demo version of Disk-2-Disk from Central Coast Software (submitted by George Chamberlin). Binary only. Author: Central Coast Software FF82

dadc A digital computer impersonating an analog clock impersonating a digital clock. Author: Perry S. Kivolowitz FF6

Daisy Example of using the translator and narrator devices to make the Amiga talk. It is written in C. AM24

Dan Kary's C structure index program. In C source code and executable. Documentation included. AM14

Dance These two programs, 'dancing polygons', are John's entry to the Badge Killer Demo Contest. They are variations of one another, but demonstrate the range of colors available on the Amiga. Includes source. Author: John Olsen FF126

Dark A small graphics and animation demo. Includes source. Author: Phil Robertson FF162

dart One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13

DAsm A multipass, symbolic, macro assembler for multiple target machines, including 6502, 68705, 6803, and 6811. Supports conditional assembly, addressing mode overrides, arbitrary number of named segments, pseudo-ops for repeat loops, data generation, etc. Version 2.12, includes source. Author: Matt Dillon FF287, FF169, FF167

DataEasy A database program which includes a phone dialer, speech output, a simple screen editor for making and modifying the database definitions, a screen print function, form letter printing, sorting, searching, and two small sample databases. Version 1.1, binary only, source available from author. Author: J. Dale Holt FF417

DataPlot A shareware plotting program written in AmigaBASIC. Includes a least squares curve fit program. By Dale Holt FF121

DataToObj A utility to convert raw data files (sprites, image data, text, etc.) directly into object code which can then be linked to the main program without the need to go through the compiling process. Includes source. Author: Werner Gunther FF172

date One of the basic progs. on FF13 Grab Bag. It is not certain which of the two early basics this program used. FF13

DateRequester A module that provides Intuition based support for soliciting a date value from the user. It supports both point-and-click selection of date values and direct entry of the individual components. It also includes a standalone ARexx driven date requester program which can be called from an ARexx macro files. Includes source. Author: Mark Rinfret FF276

Dazzle A Graphics demonstration which produces patterns based on mouse movements. Executable program. AM9, FF15

Dbuf.gels Sample program that demonstrates the animation routines for Bobs and VSprites. Uses double buffering to smooth the display motion Author: David Lucas FF33

Dbug Machine independent macro based C debugging package. Provides function trace, selective printing of internal state information, and more. This is an update to the version released on disk 102, and now includes a machine independent stack use accounting mechanism. Includes source. Author: Fred Fish; profiling support by Binayak Banerjee FF232, FF102, FF41, FF2

DC A handy program for people who use an Amiga 1020 5 1/4 inch drive as an AmigaDOS floppy. A Workbench program that sends a DiskChange signal to the operating system: Instead of typing "diskchange df2:" over and over again, just click on the icon. C source included. AM26

DC10 An AmigaBASIC DC-10 instrument flight simulator. Appears to be quite in-depth with flight-planning and take-off options along with an extensive documentation file. Requires rebuilding on a separate disk and was successfully done so by following the author's instructions in the ReadMe_First file. Author: Jan Arkesteijn FF150

DCDemo A demo version of DiskCat 2.3, a disk catalog program. Demo is limited to cataloging 100 files at a time. Binary only. Author: Ed Alford, MicroAce Software FF98

DClock A Dumb Clock utility that displays the date and time in the Workbench screen title bar. Includes an ARexx interface. This is version 1.29, an update to version 1.27 on disk 388. Includes source. Author: Olaf Barthel FF398, FF388, FF325, FF298

DCmd A utility that monitors a CLI's console IO and copies it to a user specified file. The console IO is unaffected by this monitoring. Version 1.00, includes source. Author: Matthew Dillon FF408

Debug A symbolic debugger for the Amiga. Features includesymbolic disassembly, simple expression parsing, multiple breakpoints, memory fill, memory dump, single step in trace mode, skip over subroutines, etc. V2.10, binary only. Author: Jim Thibodeau and Larry LaPlume FF251

DeciGEL An assembler program for stopping 68010 errors. In C source code and executable program. With documentation AM9

Decigel A software fix for programs that use instructions which are privileged on the 68010/020/030. Update to the version on disk 18. Includes source in assembly. Author: Byrce Nesbitt FF454

decvnt Opposite of CONVERT for cross developers. C program. AM1

DeepSky A database containing information on 10,368 non-stellar objects, 600 color contrasting easily resolved double stars, 70 stars for setting circles, and misc white dwarfs, red stars, binaries, etc. The database is distributed in zoo format, yielding 1.2 Mb after extraction. V 5.0. By Saguro Astronomy Club FF219

Dedisk CLI utility to re-assign a new Workbench disk. In C source code and executable. Documentation included. AM18

Degas.pic A Degas dancer IFF screen. AM6

Degas2.pic A Degas dancer.IFF screen. AM6

Degas3.pic A Degas dancer. AM6

Degas4.pic A Degas dancer. AM6

dehex Simple little program to convert hex format file into a binary file. Reads lines of hex characters on stdin and writes 8 bit dehex'd bytes to stdout. Author: Fred Fish FF10

Deksid A disk and file hexadecimal editor. Useful for editing binary files. Version 1.10, shareware, binary only. Author: Christian Warren, Marc Dionne FF441

DeluxeBeep A little program that uses the exec SetFunction call to play a sound sample of your choice whenever a program calls the Intuition DisplayBeep routine. Includes source and instructions on how to install your own sounds. Author: Jan van den Baard FF435

DeluxeChanger Converts binary files to assembler, basic, or C source code data initialization statements. It is useful to add graphics or sound samples to programs as initialized data. Version 1.0, includes source in assembler. Author: Andreas Ropke FF439

DeluxeDraw The drawing program from AC v1.3 in AmigaBASIC. AM8

DEM A program to compute mandelbrots via the Distance Estimator Method, as described in the book The Science of Fractal Images by H. O. Pietgen and D. Saupe. It is used to make high resolution black-and-white images. This is a batch mode type program so several images can be generated, one after the other, without any human interaction. Includes source. Author: Lars Clausen FF303

Demo Multiwindow demo. ABasiC program. AM1

DEMOLition Another neat little display hack. In the spirit of these things, ya gotta run it to find out what it does. Includes source. Author: Kriton Kyrimis FF89

Demon This program implements the Demons cellular automaton as described in the August, 1989, issue of Scientific American. Using extremely simple rules it exhibits rather complex behaviour. Includes source. Author: Lars Clausen FF303

Graphic Arts
Desktop Video
Word Processing
Desktop Publishing
Music
Education
Business & Home Productivity
Programming
Utilities
Entertainment
Miscellaneous Software
Drives
Memory Expansion
Accelerators
Video Hardware
Miscellaneous Hardware
Accessories & Services
Books & Tapes
CDTV
PDS Guide
AMICUS Index
Fred Fish Index
Vendor/Product Registration
AC Back Issue Index
User's Groups
Vendor Information
Product Index by Product
Product Index by Vendor
Category Index
Last Minute Additions

DevKit A collection of C and ARexx language programs to facilitate the software development process. With DevKit, you can launch your compiler from within your editor, have the cursor positioned on your errors, look up the autocode page for any Amiga function at a single keystroke, find a system structure within the include files, or find any function in the code you are writing. Version 1.2, includes source. Author: Peter Cherna FF297

DevPatch A program that installs a patch for OpenWindow to check the NewWindow structure. If the title matches a specific string, the height will be forced to 45 pixels. This helps to reduce chip memory usage for programs that open overly large windows and then seldom use them. Includes source. Author: Jorrit Tyberghein, Nico Francois, P. Marivoet FF332

DevRen A DEVICE RENamer, originally designed to allow the renaming of an external drive on an A2000 (always recognized as DF2) to be DF1. However, works with any mounted device such as RAD: RAM: RAW: CON: etc, as long as the original and renamed version have the same character length. Version 1.5, includes source. Author: Stefan Rosewig FF378

Devstat Assembly code example of locating and listing information about all mounted devices. Includes source. Author: Fabrice Lienhardt FF292

dex Program to extract documentation in a human readable format inside source files, and produce nroff style output for manuals and other such external documents. First ever public release. Author: Fred Fish FF14

DezHexBin An intuition based programmers tool to convert integers between decimal, hexadecimal, and binary. Very small. Version 1.1, includes source in assembly code. Author: Michael Djauidan FF321

DFC Disk Format and Copy program. A nice, general purpose, disk formatter and copier. This is version 5, an update to the version on disk 131. Includes source. Author: Tom Rokicki and Sebastiano Vigna FF447

Dfc Copies disks like Maurader, but multitasks. Replaces both diskcopy and format but is smaller than either. It even has a nice little Intuition interface. Includes source. By Tomas Rokicki FF131

DFrags Disk Fragmentation reporting utility. Displays disk fragmentation for both floppy and hard disk devices. Does not attempt to change any data, just gives a report. Version 2.02, shareware, binary only. Author: Custom Services FF461

DFrame This utility helps you create animated bobs. It installs itself in DPaint II, after which you can draw each bob in DPaint II within its own frame and check the animation by calling DFrame from within DPaint. V1.02, binary only. By Jan Buitenhuis FF221

Dg210 Data General D-210 Terminal emulator. Suggested \$12 donation Author: Steve Lenz FF40

DGCS Deluxe Grocery Construction Set, simple Intuition-based prog for assembling and printing a grocery list. AM24

dhystone Dhystone benchmark program. Author: Reinhold Weicker (Ada version) Rick Richardson (C version) FF1

DICE Dillon's Integrated C Environment. A C frontend, pre-processor, C compiler, assembler, linker, and support libraries. Features include ANSI compatibility, many code optimizations, and autoint routines (user routines called during startup before main is called). This is version 2.06.15 (2.06B), an update to version 2.06.14 on disk 443. Shareware, binary only. Author: Matthew Dillon FF466, FF443, FF359

Dick2RAM 2 programs to move the Scribble! spelling dictionary to and from the RAM disk. AM26

DIED A full-screen ANSI editor including an animation utility. Provides PAL and NTSC compatibility. Many useful features such as horizontal and vertical block cut/pasting operations, line/block/screen centering, save defaults and more. Version 2.4, binary only. Author: P-E Raue FF388

DietAid Diet planning aid to allow the user to compile lists of ingredients (recipes) and automatically compute calorie totals, etc. Update FF36. V3.1, binary only. by Terry Gintz FF179, FF36

Diff A simple version of diff. Update to version on FF75, includes source. Author: Erik Baalbergen FF87, FF75

Diff GNU diff and diff3 utilities, version 1.10. This version provides all the features of BSD's diff plus options to diff non-ASCII files, to ignore changes that just insert or delete blank lines, to specify the amount of context for context diffs, plus more. This version of GNU diff is part of the RCS package found on FF282. Includes source. By: Mike Haertel, David Hayes, Richard Stallman & Len Tower. Amiga port by Raymond Brand & Rick Schaeffer. FF281, FF231, FF138, FF107, AM11

DiffDir Compares the contents of two directories, generating a list of differences to the standard output. Detects files or directories present in one hierarchy but not the other, file attributes that are different (dates, flags, comments, etc), and differences in file size. Version 1.1, an update to FF188. Includes source. Author: Mark Rinfret FF281, FF188

DifSsed Dif produces a difference file which lists the line by line differences between any two text files. These differences can be fed to ssed (a stream type editor), along with the original text file, to remotely reproduce the other (new) file. Binary only. Author: Chuck Forsberg, Amiga port by Rich Schaeffer FF51

Digitized Sound: Using the Audio.device to play digitized sounds in Modula-2. Author: Len A. White AC3

Diglib An Amiga device independent graphics library for fortran applications. This is an enhanced and debugged version of a public domain library, the development of which was sponsored by the US Government. This library is required for part of the Matlab package, also included on this disk. Includes source in FORTRAN. Author: Hal Brand, Craig Wuest, James Locker FF267

dimensions Programs to demonstrate three and four dimensional graphics. Not quite sure how else to describe them! Author: Anselm Hook FF14

Din A library that allows you to share image and text objects between programs. The din.library is ideal if you want to write an editor and a DTP program that can share text, or a drawing program and a DTP program that can share a brush. Requires AmigaDOS 2.0. This is version 1.0, some source included. Author: Jorrit Tyberghein FF414

Dio A module which makes it very easy to use EXEC devices, such as the 'serial.device'. It's generic and can be used with any EXEC device. It allows you to easily open libraries, get multiple IO channels for a device, read, write, do asynchronous operations, etc. Includes source. Author: Matt Dillon FF73

DirectoryOpus A slightly disabled demonstration version of a powerful commercial directory utility. Very user friendly and configurable, with many features. Binary only. Author: Jonathan Potter FF412

DirMaster A very nicely done shareware disk cataloger, submitted by the author for inclusion in the library. This is version 1.1, an update to the version released on disk 108. Lots of neat new features and enhancements. Binary only. Author: Greg Peters FF130, FF89, FF108, AM26

DirUtil An enhanced version of the dirutil from FF35. Dirutil is a program to wander around a directory tree and perform various operations on files. Author: Chris Nicotra, enhancements by Johan Widen FF49, FF40, FF35, AM11

DirUtil2 Another variant of dirutil. Author: Chris Nicotra, enhancements by Ed Alford FF35

DirWork A fast small simple efficient shareware DirUtility that gets directories off floppies in about half the normal time. Configurable options and buttons, as well as all the usual features. This is Version 1.12, an update to the one on disk 328. Binary only. Author: Chris Hames FF406

Dis An AmigaDOS shareable library which implements a symbolic single-instruction disassembler for the MC68000 family and a program which uses the library to disassemble/dump AmigaDOS object files, making full use of symbolic and relocation information. With source code in Draco. By Chris Gray FF240, FF160, FF128

Dis6502 A ported 6502 disassembler with support added for C64 binary files. Includes source. Author: Robert Bond, Amiga port by Udi Finkelstein FF170

Disassem A simple 68000 disassembler. Reads standard Amiga object files and disassembles the code sections. Data sections are dumped in hex. The actual disassembler routines are set up to be callable from a user program so instructions in memory can be disassembled dynamically. Author: Bill Rogers, Univ. of WAIKATO (New Zealand) FF27, AM3

DisEditor This is a demo of the dissidents shareware text editor. Version 1.1, binary only. By Dissidents Software FF348

DiskCat catalogs disks, maintains, sorts, merges lists of disk files. AM15

diskfont.txt Warning of disk font loading bug. C program. AM4

DiskFree An small iconifiable intuition program that shows the amount of free space available on all mounted disk devices, both numerically and graphically. Version 1.0, shareware, binary only. Author: Dieter Kuntz FF324

DiskHandler A sample implementation of a file system that reads and writes 1.2 format diskettes. Includes source. Author: Software Distillery FF236

diskio.c Example of track read and write. C program. AM4

Diskless Compiler: Setting up a compiler environment that doesn't need floppies. Author: Chuck Raudonis AC3

DiskLib Two utilities for those people who like to split up PD disks into disks of different categories. Includes source. Author: Wilson Snyder FF154, AM19

DiskMan Another 'disk browser and/or dirutil' type program. Version 1.0, binary only. Author: Greg Cunningham FF82

DiskMapper Displays sector allocation of floppy disks. Author: Leo Schwab FF33

Diskperf A disk benchmark program which runs on both Unix and the Amiga. This is an update to FF48, with bug fixes and more reliable measurements of the faster read and write speeds available under the new Fast File System. By Rick Spanbauer, enhancements by Joanne Dow FF187, FF48

DiskPrint Prints labels for 3.5" disks, primarily for PD library disks. Label data files can be loaded into memory so labels for most PD disks are available after a few mouse-clicks. Features include three different label sizes, default file, different label library functions, Amiga-LibDisk contents read-in and easy handling. This is version 2.7.2, an update to version 2.3.5b on disk 441. Shareware, binary only. Author: Jan Geissler FF461, FF441, FF433, FF411

DiskSalv A disk recovery program for all Amiga file system devices that use either the Amiga Standard File System or the Amiga Fast File System. DiskSalv creates a new filesystem structure on another device, with as much data salvaged from the original device as possible. This is version 1.42, an update to the version released on disk 212. Binary only. Author: Dave Haynie FF251, FF212, FF177, FF164, FF20, AM8

DiskSpeed A disk speed testing program specifically designed to give the most accurate results of the true disk performance of the disk under test. Automatically updates and maintains an ASCII database of disk results for tested disks. This is version 3.1 with stress tests for CPU and DMA. Includes source in C. Author: Michael Sinz FF329, FF288, FF251

DiskTalk A cute little program, like munchio on disk 137, which plays digitized sound samples when you insert or remove a floppy disk. Samples are saved as IFF sound files. Version 1.0, binary only. Author: Nico Francois FF302

DiskWipe Latest from Software Distillery, removes files from directories or disk drives, much faster than "delete." AM25

DiskX Nicely done Sector-based disk editor. Binary only Author: Steve Tibbett FF158, FF71

DiskZap Program to 'edit' a disk, sector by sector. Version 1.1. Author: Paris Bingham Jr. FF50

Display Graphics display program to display HAM images from a ray tracing program. Includes some really spectacular pictures Author: Dave Wecker FF39

DispMod One of the series of ROBBS (Rexx Object Building Block System) modules by Larry Phillips. DispMod is a display module that only understands ARexx messages. It allows, under program control, the display of text and the acceptance of keyboard data. V0.11, With source. By Larry Phillips FF326

DisSecretary This program can be used to file information in a 'file cabinet' type environment. It is well suited for jobs such as maintaining a disk catalog, or user group membership, etc. Included is a data file of the library catalog, disks 1 to 310. Version 'Wanda', binary only. By Dissidents Software FF348

DissiDemos Demo of Midi Sample Wrench, which provides pro sample editing features for owners of musical samplers. Version 1.1, binary only. Author: Jeff Glatt FF307

Dissolve A program like ViewILBM, but the image slowly coalesces as pixels are added in random patterns. Inspired by an article in Nov 86 issue of Doctor Dobb's Journal by Mike Morton. Includes source. Author: Lee Robertson FF73, AM15

DisTerm The dissidents telecommunication program. Has built in phone directory requester, autodial, various file transfer protocols, ascii send and capture, full/half duplex, split window, color requester, macro keys, selectable baud, CR/LF expansion, automatically configured per phone entry. Binary only. Author: Jeff Glatt FF462

Dk A little display hack, inspired by Leo's gems. Written in Modula-2, includes source. Slightly newer than version on FF66. Author: Thomas Handel FF69, FF66, AM18

DKBTrace A complete ray tracer that supports arbitrary quadric surfaces (spheres, ellipsoids, cones, cylinders, planes, etc.), constructive solid geometry, and various shading models (reflection, refraction, marble, wood, and many others). It also has special case code to handle spheres, planes, triangles, and smooth triangles. By using these special primitives, the rendering can be done much more quickly than by using the more general quadrics. This is version 2.0 and includes source in C. Author: David Buck FF397

DM-Maps IFF maps to the Dungeon Master game. All 14 levels are included. Author: Unknown FF240

DMake Matt's version of the UNIX make utility. Features multiple dependencies, wildcard support, and more. This is version 1.0, an update to version 1.0 on disk 246, but now includes source. Author: Matt Dillion FF440, FF246, FF179

Dme Version 1.42 of Matt's text editor. Dme is a simple WYSIWYG editor designed for programmers. It is not a WYSIWYG word processor in the traditional sense. Features include arbitrary key mapping, fast scrolling, title-line statistics multiple windows, and ability to iconify windows. Update to version 1.38 on disk number 284, includes source. Author: Matt Dillion FF441, FF284, FF168 & 169, FF153, FF134, FF113, FF93, FF87, FF74, FF59

DmeAsm A utility for those who use Matt Dillion's Dme editor and HighSoft's DevPac Assembler. DmeAsm is a CLI command file that takes your source code as a parameter and opens a window similar to the Assemble window inside Devpac (Genam2) and gives similar options. If no parameter is supplied then the window will still open and you can supply your own. Version 1.1, includes source in assembly. Author: Nic Wilson & W Weber FF365

DmeMacros A set of DME macros which utilize templates to turn DME into a language-sensitive editor for C, Pascal, Modula-2, and Fortran. Author: Jerry Mack FF146

DMouse A versatile screen & mouse blanker, auto window activator, mouse accelerator, popcli, pop window to front, push window to back, etc, widget. This is DMouse version 1.25, an update to version 1.24 on disk 407. Includes source. Author: Matt Dillion FF421, FF407, FF258, FF238, FF168 & 169, FF160, FF145, FF105

DMS DISK-Masher is a utility that allows users to compress and archive entire floppy disks. Offers four different types of compression, extended virus checking of boot blocks, and data encryption. Requires at least 512K of memory. This is version 1.01, binary only. Author: SDS Software FF406

DNet A link protocol that provides essentially an unlimited number of reliable connections between processes on two machines, where each end of the link can be either an Amiga or a Unix (BSD4.3) machine. Works on the Amiga with any EXEC device that looks like the serial.device. Works on UNIX with tty and socket devices. Achieves better than 95% average throughput on file transfers. V2.10.13. Includes sources for both the Amiga and Unix versions. By Matt Dillon FF294, FF220, FF145

Do It By Remote: Build an Amiga-operated remote controller for your home. Author: Andre Theberge AC9

DocSplit A program to split the 1.3 autdoc files into individual subroutine files. One file is created for each subroutine, with the name created by appending .doc to the subroutine name. Version 1.0, includes source. Author: Joel Swank FF304

Doctor_A This animation of Amiguy on the basketball court is Marvin's entry to the 1989 BADGE Killer Demo Contest. The animation source (for SculptAnimate-4D) is available from the author. Author: Marvin Landis FF268

Dodge Short Modula-2 program moves the Workbench screen around after a period of time, prevents monitor burn-in. AM25

dogstar One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13

DogsWorld This animation is Charles' entry to the 1988 Badge Killer Demo Contest. by: Charles Voner FF212

DoRevision This program implements easy creation of source code revision headers (very similar to the log headers to be found at the top of the Amiga 'C' include files). Version 1.0, includes source. Author: Olaf Barthel FF325

DOSDev Example DOS device driver in Manx C. Version 1.10, includes source. Author: Matt Dillon FF113

DosError A small CLI utility that will return a slightly more verbose description of a DOS error code than that returned by the System. Can save a trip to the manual for vague or unfamiliar error codes. Version 2.0, includes source in assembly. Author: Robert Lang FF366

DOSHelper Windowing program to print help information about various DOS command. Version 1.60. Suggested \$10 donation. Author: John Youells FF40, AM14

DOSKwik A pair of programs which allow you to save files, or a group of files, to one or more floppies for quick loading (loading up a RAM disk for example). Does not store files in DOS format, which is why it is faster. Version 2.0, update to version on FF 103. Binary only, shareware. Author: Gary Kemper FF129, FF103

DOSPlus1 First volume of CLI oriented tools for developers. Executables only. Author: Bill Beogelein FF32

DOSPlus2 Second volume of CLI oriented tools for developers. Executables only. Author: Bill Beogelein FF32

DoTil Lists, in alphabetical order, all files on any two directories, showing file size, creation date/time, and amount of free disk space. Also copies, renames, or deletes files and/or directories, and moves files from one directory to another. Version 2.0, shareware, author suggests \$15 donation. by Dan Franki FF70

Dots-Perfect Printer driver for an Epson MX80 printer with the Dots-Perfect upgrade kit installed. Includes source. Author: Robbie Akins FF108

dotty Source to the 'dotty window' demo on the Workbench disk. Posted to usenet by Dale Luck. FF1, AM1, AM4

Double Playfield: Shows how to use dual playfields in AmigaBASIC. Author: Robert D'Asto AC2

Downhill A skiing arcade game. Ski skylar mountain, a dangerous, steep, downright scary mountain with bonus flags to pick up, rocks, bushes, and branches to jump over, all while avoiding obstacles such as trees. The longer you stay up the faster you ski and the more points you get. Binary only, joystick required, works only under AmigaDOS 1.3. Author: David Alves FF425

Dozer An IFF picture of a bulldozer. AM7

dpdecode decrypts Deluxe Paint, demo. AM14

DPFFT An enhanced version of DPlot. DPlot is a simple display program for experimental data, with the goals of supporting paging through lots of data and providing comfortable scaling and presentation. DPFFT includes the ability to plot a Fast Fourier Transform (FFT) of the data, customized amplitude and phase spectrum, prewhitening capability, and a Welch window for spectral smoothing. Update to version on disk number 324. Version 2.2, binary only. Author: A. A. Walma FF364, FF324

DPlot A simple display program for experimental data, with the goals of supporting paging through lots of data and providing comfortable scaling and presentation. V2.0 Binary only. By A. A. Walma FF290

DPS Demo version of a program to take any IFF file and save it as a totally self-contained executable file, without the need for any IFF-viewers. V1.0, binary only. By Foster Hall FF184

Dps A program designed to work with the PrintScript program, a commercial PostScript interpreter for the Amiga, to provide a page previewer. V 1.1 with source. by: Allen Norskog FF209

dpslide A slide show program for displaying graphic images which are in the IFF format, such as output from the Electronic Arts Deluxe Paint program. Allows the user to select the display time for each slide and the method of bringing the slide up to the screen, and then removing it. Double buffers images to improve smoothness of display. Author: Paul Biondo FF11, AM3, AM6

Dr Another alternative CLI directory lister command. This one features extreme optimization for speed, a variety of output formats, hiding of info files by default, and AmigaDOS pattern matching. It is pure (residentable). It is intended to outperform all other directory listers. Includes the additional utilities ForEvery and Whichever. Release 1.2, includes source. Author: Paul Kientiz. FF429

Draco Update to Chris Gray's Draco distribution for the Amiga. Enhancements include support for floating point, register variables, more optimization, improved call/return standard, etc. V1.2 Requires documentation from FF77 to complete the distribution kit. Binary only. By Chris Gray FF201, FF76 & 77

dragon One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13

DragonCave A nicely done Sokoban like game for the Amiga. Features include sound effects, two or three dimensional graphics, 100 levels (50 of which can be customized with the built-in editor), undo of up to 1000 preceding steps, transparent copying of data files to ram: for reduced load times, both English and German versions, and more. Version 1.00, binary only. Author: Hartmut Stein and Michael Berling FF395

draw One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13

Drawmap A program for drawing representations of the Earth's surface. Can generate flat maps, mercator maps, globe views and orbital views. This is version 2.0. Enhancements include dropdowns, user text entry and placement, improved event processing and better looking mouse pointers. Includes source. Author: Bryan Brown FF315, FF229

DRES V1 Support (run time) library w/ lots of functions including a generic parser & IPC. FF168 & 169

Drip Drip is an arcade style game with 15 floors (levels). You must move along the pipes of each floor and rust them to advance to the next level. Every 3 floors completed will entitle you to a bonus round where extra drips can be won. An extra drip will also be awarded for every 10,000 points. Binary only. Author: Art Skiles FF347

Driver Demo device driver in source. Functions as a RAM disk for demonstration purposes. Author: Lee Erickson FF39

DriveWars DriveWars is a Shareware shoot'em up game that pits you, df0: or df1:, against a computer virus that is about to destroy all U.S. records of Iraq's positions during operation Desert Shield. In version 1.0, you must fly df0: through the computers and destroy all contaminated chips and disks. Author: Joe Angell FF400

Graphic Arts
Desktop Video
Word Processing
Desktop Publishing
Music
Education
Business & Home Productivity
Programming
Utilities
Entertainment
Miscellaneous Software
Drives
Memory Expansion
Accelerators
Video Hardware
Miscellaneous Hardware
Accessories & Services
Books & Tapes
CDTV
PDS Guide
AMICUS Index
Fred Fish Index
Vendor/Product Registration
AC Back Issue Index
User's Groups
Vendor Information
Product Index by Product
Product Index by Vendor
Category Index
Last Minute Additions

DropCloth DropCloth lets you place a pattern, a 2 bitplane IFF image or a combination of a pattern and image, into the WorkBench backdrop. This is version 2.4. Shareware, binary only. Author: Eric Lavitsky FF201, FF128, FF59

DropShadow Dropshadow version 2, rev 0, for use with Bryce Nesbitt's Wavebench demo. Binary only. Author: Jim Mackraz FF112, F87, FF74, FF59, AM18

DSM DynamicSound Machine Demo version with 'Save' disabled of a program that will take any IFF sound or raw data and save it as a totally self-contained, runnable program. By Foster Hall FF167

DTC A utility providing a simple calendar which can hold and show appointments. It may be useful in managing your time. Its chief goals were to provide day, week and month at a glance for any date between 1/1/0001 and 12/31/9999, defaulting to the current date. It is menu driven and fairly easy to use. With source in Fortran. By Mitch Wyle, Amiga port by Glenn Everhart FF335

DTerm Small, flexible, terminal program with intelligent data mapping, intelligent keyboard mapping, dynamic menus, intelligent command language, asynchronous IO, duplex control, and a state machine structure allowing you to build any automatic control structure you wish (from auto-redial, sequence dialing, to auto-logon). Version 1.10, binary only. Author: Matt Dillon FF73

Du Prints number of disc blocks used in selected files or directories. Modified to make output more readable, and handle ^C exit. Includes source. By: Joe Mueller, enhancements by Gary Duncan FF345

Dual Demo: How to use dual playfields to make your own arcade games. Written in C. Author: Thomas Eshelman. AC7

dualplay.c Dual playfield example. C program. AM4

DualPlayField An example of using a dual-playfield screen, using a method contrary to documentation in the Intuition Manual. Author: Jim Mackraz FF41

DuM2 A version of the ever popular directory utility (dirutil) but this one is written in Modula 2 and includes source. Dirutil is a program to wander around a directory tree and perform various operations on files. Version 1.5. Author: Greg Browne FF75

DumpDiff A small utility that prints the hexdumps of 2 files, with all differences between these two files highlighted. Version 1.0, includes source in Modula-II. Author: Fridtjof Siebert FF253

Durer Draws pictures in the style of Durer. ABASIC program. AM1

Dux5 Latest version of directory utility which is a descendant of the original dirutil program by Chris Nicotra. Includes source. Author: Enhancements and fixes by lots of people FF67

DvorakKeymap Example of a keymap structure for the Dvorak keyboard layout Untested but included because assembly examples are few and far between. Author: Robert Burns @ Commodore-Amiga FF27

DWIP 'Daisy Wheel IFF Printer'. A graphics printing utility that allows the printing of IFF pictures on a daisy wheel printer. Includes source. Author: Ken Van Camp FF160

DX-Synth Voice filer program for Yamaha DX series synthesizers. Voices are transferred to and from the Amiga over MIDI. Update to 'VoiceFiler' released on FF38. Binary only. Author: Jack Deckard FF82

DX-VoiceSorter To be used with Jack Deckard's VoiceFiler program. (Disk 82). It allows for the sorting of a number of voicefiles stored using that program into a new voicefile of voices created from various files. With source. By David Bouckley FF149

DynaCADD Part 1 of a two part demo distribution of DynaCADD from Ditek International. DynaCADD is a professional 2D and 3D CAD package. This demo is fully functional except for disabled save and export functions. Requires a system with 68020/68030 and a 68881/68882 math processor. This disk contains all the files necessary to recreate the DynaCADD demo disk number 1. The files for demo disk number 2 can be found on library disk number 435. This is version 1.84, binary only. Author: Ditek International FF434

DynaCADD Part 2 of a two part demo distribution of DynaCADD from Ditek International. DynaCADD is a professional 2D and 3D CAD package. This demo is fully functional except for disabled save and export functions. Requires a system with 68020/68030 and a 68881/68882 math processor. This disk contains all the files necessary to recreate the DynaCADD demo disk number 2. The files for demo disk number 1 can be found on library disk number 434. This is version 1.84, binary only. Author: Ditek International FF435

Dynamic Memory! Flexible string gadget requester using dynamic memory allocation. Author: Randy Finch. AC8

dynamictriangle One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. It is not certain which of the two early basics this program used. FF13

DynaShow A program and example image using a dynamic HiRes technique to display up to 4096 colors in high res with overscan. Dynamic HiRes uses a different 16 color palette on each scan line. Version 1.1, binary only. Author: NewTek FF285

EAguy.pic The guys at Electronic Arts. AM6

EasyBackup A CLI-based hard-disk backup/restore utility. Features incremental backups by archive bit status, by timestamp, or command-line query. Incremental backups can be appended to an existing backup set. Includes source. Author: Oliver Ensling FF365

EasyMouse Another threshold-mouse-accelerating, screen-to-back, window-to-front, mouse-blanking, screen-blanking, auto-window activating, low-memory-warning, auto-window sizing, configuration-saveable clock! Version 1.0, includes source. Author: Oliver Ensling FF365

Echo A small replacement for the AmigaDOS echo that will do some special functions, such as clear the screen, delete to bottom of screen, scroll the screen, place the cursor at a particular location, and set the text style and/or color. Includes source. Author: Garry Glendown FF217, FF36

Echo Echo is a replacement for the AmigaDOS or ARP echo command. This version provides easy color setting or positioning for all echo'ed strings. Completely compatible with the AmigaDOS and ARP echo commands, all your old batch files should work correctly. Version 1.08c, includes source. By: George Kerber (based on echo by Garry Glendown) FF311

Echo Todor Fay's SoundScape module source code from his AC articles. The Lattice and Manx C source code is here, along with the executable modules. AM26

echox UNIX-style filename expansion, partial S, C program in C source code and executable. Documentation included. AM1

Eco An ECHO replacement which allows many escape sequences for colors, text styles, cursor positioning, system variables, and much more. Has PURE bit set and can be made resident. Version 3.40, includes source. Author: Dario de Iudicibus FF391

ECPM A CP/M emulator for the Amiga. Emulates an 8080 along with H19 terminal emulation. Update from version on FF109. Includes source. Author: Jim Cathey; Amiga port by Charlie Gibbs; Significant improvements by Willi Kusche FF157

Ed An editor based on the editor described in the original Software Tools book. It is very similar to the UNIX 'ed' editor, but not identical. Includes source. Author: Brian Beattie FF84

EdCommands Text guide to the ED editor. AM1

Edimap A keymap editor. Allows you to read in an existing keymap file, modify it to suit your needs, and save it as a ready-to-use keymap. V1.0, includes source. By Gilles Gamesh FF182

EdLib A library of additional functions for Manx. This is V1.1, an update to V1.0 from FF183. With source. By Edwin Hoogerbeets with C-functions from several different authors FF218

EFJ A fast action machine-code game (Escape From Jovi) featuring hi-res scrolling, large playfield, disk based high score list, stereo sound, multiple levels, a cheat mode, realistic inertia and gravitational effects, an animated sprite, and more. Use a joystick in port 2 to control the

ship. This is version III, an update to the version on disk 148. Includes source in assembly code. Author: Oliver Wagner FF259, FF148

Egad A gadget editor from the Programmers Network. Very nicely done and very useful. Author: John Draper, Ray Larson, Brent Southard, and Dave Milligan FF46

EGraph Egraph reads pairs of x and y values from a list of files and draws a formatted graph. Supports four unique curve fonts; solid curves, dashed curves, dotted curves, and long dashed curves. The maximum number of data points is unlimited. Has globs of options. Binary only. Author: Laurence Turner FF58, A

EgyptianRun Cute little 'road race + hazards' type game. Version 1.1, binary only, shareware, source available from author. Author: Chris Hames FF120

EHB Checks to see if you have extra-half-bright graphics. In C source code, executable program and documentation. AM21

electric guitar Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Elements Very nice interactive display of the the Periodic Table of Elements. Includes general row and column information, plus a test mode where the program asks specific questions about the selected element or row/column. This is version 2.3, an update to version 2.0 on disk 368. Binary only, shareware. Author: Paul Thomas Miller FF384, FF368, FF297, FF253, FF175

Eless A faster directory lister, that also sorts entries and displays directories in the current cursor color (ala the Manx 'ls' program). Includes source. Author: Leo Schwab FF75

ElGato This animation is Kevin's entry to the Badge Killer Demo Contest. It also has a background music arrangement, that requires Sonix to use. Author: Kevin Sullivan. FF125

Elib Example of building a shared library using small model Manx C. Includes source. Author: Jim Mackraz FF87

EliteBBS An online message and file handling system. Features include a message base, private mail, file library, support for xmodem, ymodem, and zmodem, fully buffered serial I/O routines for top speed, time limits, and more. Version V.31, binary only. Author: Nick Smith FF444

Eliza One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13, AM18

Emacs An early version of the Amiga text editor, C program in C source code and executable. Documentation provided. AM2

EmacsKey Makes Emacs function key definitions by Greg Douglas. In C source code, and documentation. AM19

Empire Empire is a multiplayer game of exploration, economics, war, etc, which can last a couple of months. Can be played either on the local keyboard or remotely through a modem. This is version 2.1w, an update to version 1.33w on FF329. Changes include a client-server system, a chat/CB mode, realtime private player to player messages, and other enhancements. Binary only. Author: Chris Gray, David Wright, Peter Langston FF357, FF329, FF118

Emporos You are living on the island of Emporos, where several countries exist. Your goal is to make one of these countries your own. There is only one way to do this, and you have to find it out. Binary only. Author: Roland Richter FF229

Enforcer Detects/protects against illegal memory hits. Compatible with all OS versions & machines (requires a Memory Management Unit or 68030 processor). The low 1K of memory and all areas that are not RAM are protected from CPU reads or writes. ROM is marked as read-only. Version 2.6f, binary only. Author: Bryce Nesbitt FF474

Enforcer Enforcer uses the MMU to build a shroud of protection over anything that is not legal memory. Any empty holes in the address space are marked as illegal. Reads of the system ROMs are allowed, but not writes.

With the exception of longword reads of location 4, the lowest 1K of memory is completely protected. When an illegal access is detected, the power LED will flash and a detailed message will be sent out the serial port. Binary only. Author: Bryce Nesbitt FF454

Enigmas Nifty graphic simulation of the World War II German Enigma-Machine, a message encoding/decoding device that produced extremely difficult to crack cryptographic code. Binary only. Author: Gaylan Wallis FF367

Enough A new CLI execute file command that tests for various system resources such as available memory or existence of specific files, directories, or devices. Author: Bruce Barrett @ Commodore-Amiga Player Animation player for Aegis Animator. Received directly from Aegis Development. FF29

Entertainer Plays The Entertainer, a Scott Japlan song made famous by "The Sting". A Basic program. AM1

EOMS Experts Only Mercenary Simulator. A neat (and tough!) PD game that was originally developed for eventual commercial release but, for various reasons, the author decided to release as PD instead. So far my son has beat every other Amiga game I've got, both PD and commercial, but he gave up on this one. For serious game players. Binary only. Author: Daniel Cardenas FF78

Epson An improved Epson driver that eliminates streaking. AM9

Epson LQ-800 Printer driver for the Epson LQ-800. AM9

epsonset Executable program that sends Epson settings to PAR from menu. Documentation included. AM12

Error Adds compile errors to a C file, C source code. AM3

Esperanto A keymap modification to usa1 which, in conjunction with the supplied slate.font, will allow one to type in Esperanto and Welsh, in any program that will use keymaps & fonts by: Glyn Gowing FF211

esuom A little screen hack that causes the mouse pointer to move in the opposite direction of the mouse. Includes source. Author: Rob Eisenhuth FF229

Etale Another 'more' or 'less' type file reader, which differs from the others in that it supports superscripts and subscripts at very low memory cost, and supports a complete Greek alphabet. Includes source. Author: William Hammond FF254

Etime Etime will display the elapsed time between events. This is useful in scripts to display the elapsed time between the beginning and ending. Many options including color and time displayed as hh:mm:ss or total seconds. Version 1.05c, includes source. Author: George Kerber FF311

Eval This package allows you to manipulate expressions. Currently its two main functions are evaluation and differentiation. It also does some basic simplifications (based on pattern matching) to make the result of a differentiation more presentable. Includes source. Author: David Gay FF192

Evo A human evolution toy/tutorial. Includes source. Author: Steve Bonner FF130

Evolution This program graphically simulates the evolution of a species of 'bugs', the insect kind. Bugs, represented by moving blobs, eat bacteria represented by single pixels. They mutate, compete for food, reproduce and pass their mutations to their offspring. Nice example of graphics and software simulation. Standalone image and source code. Author: Russel Yost FF239

EW Patch for Intuition OpenWindow() and CloseWindow(), creating a Mac-style frame whenever a window is opened or closed. Very short, with source in assembler. By O. Wagner FF286

Examples Assembly and C code examples, including some old favorites (like speechtoy and yacht3) downcoded to assembly language. Includes a replacement for the official audio device, an example of creating a subtask, a rewrite in assembly of R.J. Mical's filerequester, an example of installing a custom input handler ahead of intuition, and more. Author: Jim Fiore & Jeff Glatt FF203

Exceptional Conduct: A quick response to user requests, achieved through efficient program logic. Author: Mark Cashman. AC10

Excpion Exception is a set of error handling routines that provide a programmer with the ability to easily handle often difficult to implement routines. Routines such as no more memory, file not open, read/write error....etc. V0.6, includes source. By Gerald T Hewes FF179

exec.bmap one of the necessary links between AmigaBASIC and the system libraries. AM8

ExecDis A disassembler comment generator program for the 1.2 Kickstart ROM exec library image. Generates a commented disassembly of the exec library. V1.0, binary only. By Markus Wandel FF188

ExecLib A working example of how to build and use user-defined disk-resident libraries. Of special interest to developers working with Lattice C. Author: Alex Livshits FF150

ExecRexx A program that turns an ARexx script into an executable which can be run from WorkBench or the CLI. Binary only. Author: Jeff Glatt FF463

ExP_Demo Demo version of Express Paint 1.1. This is the program that was used to create the huge scrolling demo picture in the AMUC_Demo drawer on this same disk. Binary only. Author: Stephen Vermeulen FF117

Expose Program which will automatically cause all screen drag bars and screen depth-arrangers to become exposed. Sends a message to windows which obscure the screen drag bars, asking them to move down a pixel, and also to become smaller if necessary. Includes source. Author: John Russell FF73

extdisk Text, external disk specification. AM5

ExtFuncProc External Function Process. Allows execution of any library function from simple tasks even if these functions require a process environment. For experienced programmers only because there isn't any documentation written yet but only an example. ExtFuncProc is used by GMC. It runs under KS 2.0. Binary only. Author: Goetz Mueller FF387

EZAsm Combines parts of the 'C' language with 68000 assembly, giving it the 'feel' of a higher level language. Supports all 1.3 functions. Uses braces and 'else' like 'C'. Resulting code is optimized as much as possible. Takes source file you create and outputs a .asm file. Includes example source and executable files. Version 1.3, binary only. Author: Joe Siebenmann FF421

EZAsm Combines parts of the 'C' language with 68000 assembly, giving it the 'feel' of a higher level language. Supports all 1.3 functions. Uses braces and 'else' like 'C'. Resulting code is optimized as much as possible. Takes source file you create and outputs a .asm file. Includes example source and executable files. Version 1.31, an update to version 1.3 on disk 421. Binary only. Author: Joe Siebenmann FF431

ezspeak One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13

ezterm A basic sample program from Fred Fish's Grab Bag. It is not certain which of the two early basics this program used. FF13

FAClock Front Analog Clock. This clock program always stays at the very front of the display. Binary only. Author: Jonathan Potter FF412

FAM A File Access Manager for the Amiga that allows multiple ARexx programs to access a buffered version of a directory in a consistent and serialized manner. It buffers all the names, dates, sizes and so on, for quick access. Version 1.1 with source. By: Darren New FF325

Family_Sol A preliminary version of the Authors Family Solitaire card game. A standard game of Solitaire with options for multiple players, sound etc. Binary only. Author: Errol Wallingford FF473

FarPrint Debugging functions for programs which don't have any links to their environment. FarPrint consists of two major parts; a harbour process open to receive and distribute messages and requests, and a set of C functions to be linked into any program wishing to communicate with the FarPrint main process. This is version 1.5 and adds a shared library as well as linker libraries for both Lattice and Aztec C. Includes source. Author: Olaf Barthel FF325, FF281

Fast Fractals: A fast fractal program written in C with Assembly language subroutines. Author: Hugo M. H. Lypkens AC6

Fast Pics: Re-writing the pixel drawing routine in Assembly language for speed. Author: Scott Steinman AC6

FastBlit A small tool to speed up blitter operations by up to 60%. Version 1.0, binary only. Author: Ralf Thanner FF354

FastDisk A disk optimizer providing two ways of optimizing. Originally written by Thorsten Stolpmann. This is version II, now featuring an Intuition interface, ARP support, bug hunting, and Lattice C compatibility, done by Oliver Wagner. Includes source in C. Author: Thorsten Stolpmann and Oliver Wagner FF286

fasterfp Explains use of fast-floating point math C program. AM1

FastGro A fractal program, simulating Diffusion-Limited Aggregation (DLA) as described in the December 1988 Scientific American in the Computer Recreations column. This program is about an order of magnitude faster than the 'SLOGRO' program described in Scientific American. V 1.0, includes source. By Doug Houck FF188

FastLife A fast life program featuring an intuition interface, four screen sizes, 19 generations/second, and 153 patterns in text file format. Version 1.0, binary only. Author: Ron Charlton FF469

FastText Blitter based fast text rendering routines written in assembly. Unique in the fact that they speed up rendering of non-proportional fonts of any height, and from 4-16 pixels in width. With source and test program. By Darren M. Greenwald FF170

FBM An Amiga port of the Fuzzy PixMap image manipulation library. This package allows manipulation and conversion of a variety of color and B&W image formats. Supported formats include Sun rasterfiles, GIF, IFF, PCX, PBM bitmaps, 'face' files, and FBM files. Also has input converters for raw images, like DigiView files, and output converters for PostScript and Diablo graphics. Besides doing format conversion, some of the other image manipulation operations supported include rectangular extraction, density and contrast changes, rotation, quantization, halftone grayscaling, edge sharpening, and histograms. V 0.9, binary. By Michael Mauldin; Amiga port by Kenn Barry FF334

FCS Prerelease version of an iterated Fractal Construction Set program, used to generate iterated fractal images such as Sierpinski's triangle, ferns, etc. This is version 0.99, binary only. Author: Garth Thornton FF465

Fd A modified version of Leo's 'eless' that processes an entire track at a time, to minimize rereading of blocks. Includes source. Author: Leo Schwab, enhancements by Stephen Vermeulen FF75

Fedup A random access, byte oriented file-editor that gives you the option of viewing and editing any file (binary or ASCII) using either ASCII or hexadecimal notation. Version 2.1, binary only. Author: Martin Lindemann FF230

Fenster A program which can operate on windows owned by another program, to close them, change their size, refresh gadgets, move the window to the background, etc. This is version 2.2, an update to version 2.1 on FF305. Includes source in assembly. Author: Roger Fischlin FF362, FF305, FF298, FF245

ff A very fast text formatter, controlled exclusively by command line arguments. Author: Gary Perlman & hordes of students FF3

FFP & IEEE: An Example of using FFP & IEEE math routines in Modula-2. Author: Steve Fatwiszewski AC1

FFT Highly optimized Fast Fourier Transform tools for digital signal processing. The FFT can be used to compute the frequency spectrum of a complex signal. It is useful in a variety of different applications. Floating point and integer versions. Mixture of high level and assembly language code. Includes source (requires JForth). Author: Jerry Kallaus FF239

FifoDev FIFO: is like PIPE: but is based on fifo.library rather than its own implementation. Fifo.library is a general fifo library implementation that supports named fifos, writing to a fifo from a hardware

Graphic Arts
Desktop Video
Word Processing
Desktop Publishing
Music
Education
Business & Home Productivity
Programming
Utilities
Entertainment
Miscellaneous Software
Drives
Memory Expansion
Accelerators
Video Hardware
Miscellaneous Hardware
Accessories & Services
Books & Tapes
CDTV
PDS Guide
AMICUS Index
Fred Fish Index
Vendor/Product Registration
AC Back Issue Index
User's Groups
Vendor Information
Product Index by Product
Product Index by Vendor
Category Index
Last Minute Additions

exception, multiple readers on a fifo with each getting the same data stream, efficient reading, and automatic or manual flow control. Programs that require non-blocking IO can access one side of a FIFO: connection via the fifo.library instead of the FIFO: device. Version 2, an update to version on disk 432. Includes some source. Author: Matt Dillon FF448, FF432

File A program that recognizes various types of files and prints what that type is. Recognizes font files, icon files, executable files, standard object files, compressed files, command scripts, C source, directories, iff files, LaTeX source, modula II source, arc files, shell commands and scripts, TeX source, dvi files, uuencoded files, yacc files, zoo archives, etc. Version 1.0, includes source. Author: Edwin Hoogerbeets FF231

FileBootBlock This simple little program reads blocks 0 and 1 of a bootable disk and saves them as a program file that can be run (heaven forbid) or disassembled by programs like DIS or DSM. Includes source in assembly code. by: John Veldthuis FF191

FileEncrypt Another intuition based file encryptor to enable you to scramble your highly secret, hard earned source code and prevent your co-workers from taking credit for it! Includes (unscrambled) source. Author: Lorenz Wiest FF379

FileIISG-Demo A demo version of Softwood File IISg, a database manager with sound and graphics. Also includes a database of previously released disks in this library, courtesy of Stan Spence. Binary only. Author: Woody Williams and Donald Brady FF86

FileIO A file requester library based upon an example by R.J. Mical. Has numerous features, including uses other than disk I/O. Version 1.C, update to version 1.9 on disk 393. Binary only. Author: Jeff Glatt, Jim Fiore, R.J. Mical FF463, FF393, FF348, FF307, FF257

FileIt A simple database program, written in DRACO. It is meant to be portable, thus it does not use any of Intuition's facilities. Version 1.0, includes source. Author: John Davis FF230

FileMaster A file editor like NewZap or FedUp, which allows you to manipulate bytes of a file. You may also change the file size or execute a patch. Version 1.20, update to version on FF298, includes source in assembly. Author: Roger Fischlin FF361, FF298

FileNames AmigaDOS filename wildcard conventions in a text file. AM1

FileReq This is Jonathan's second version of a file requester, and is much more powerful than the one included on disk 204. Shareware, with source. By Jonathan Potter FF242, FF204, FF85

FileRequest Assembly code example of a file requester. V2.0, an update to FF173, where it was called FileSelect. New features include 3 speed scrolling of filenames and ghosting of unavailable devices. Includes source. Author: Fabrice Lienhardt FF292, FF173

FileRequester A very nice file requester module for lattice C programs, along with a demo driver program. Author: Charlie Heath FF35

FILES V1.2 Matt Dillion's disk catalog program. FF168 & 169

FileSelect A FileIO selector, written 100% in assembly. Version 1.0, includes source Author: Fabrice Lienhardt FF173

FileSystems Displays AmigaDOS disk devices with information about the head geometry, BuMemType, and the lower level exec device. With source. By Ethan Dicks FF329

FileTest This routine is used to recursively descend the file system tree from a specified directory location, reading the files into memory (if they will fit) as it goes. Useful as a complete test of file system integrity. Includes source. By Stephen Vermeulen FF284

FileTypes This program can recognize different kinds of files in a directory. Currently recognized types are executable and IFF (all types, ILBM, 8SVX etc.). Includes listing the whole contents of a directory or only files of one or more types. This is version 2.1, and includes assembly source. Author: Sebastian Leske FF415

FileWindow A completely public domain file requester which may be used in any program, even commercial ones. It uses dynamically allocated memory to hold the file names so the only limitation is the amount of memory available. Includes a filter option to limit display of filenames to only ones with a specific extension. Names are automatically sorted while they are being read and displayed. This version has been enhanced by Bernd Schied for more device gadgets, renaming of files and directories, ANSI-C source, and more. Update to version 1.10 on disk 336. Includes source. Author: Anders Bjerin, Bernd Schied FF464, FF336

filezap An updated version of the file zap utility first released on FF10. Can be used to patch any type of file. Nice, and VERY useful. Author: John Hodgson FF14, FF10, AM16

FillDisk Disksalv has been known to find some rather interesting things in the free blocks of some production disks from companies that should know better. This little hack makes sure you don't get caught in the same trap, by scribbling the disk's free blocks in a totally safe manner. Includes source (all 20 lines of it). Author: Fred Fish FF61

fillbuster One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13

Find Find is a utility which searches for files that satisfy a given boolean expression of attributes, starting from a root pathname and searching recursively down through the hierarchy of the file system. Very much like the Unix find program. V1.2, includes source. Update to FF134 Author: Rodney Lewis FF197, FF134

FINDIT V1.00 Search for a filename (wildcard) FF168 & 169

FineArt This is a collection of works from some of the best of current Amiga artists. Many thanks to Jim Sachs, Sheryl Knowles, Jack Haeger, and Aegis Development for submissions. FF30

FirstSiliCon A smart input line interpreter that provides a separate command window with full editing and recall of previous commands. Actual name is 'Sili(Con):'. By Pete Goodeve FF50

Fish 'A demo program which runs an AnimOb in a double buffered screen with sequence cycled animation'. (Basically shows a fish 'swimming' across the top of the screen). Author: Catherine Wagner (posted by Barry Whitebook) FF15

FiveInLine A board-playing game similar to Go-Moku, Ristinolla, etc. Fast-paced and quickly addictive! Includes source. Author: Njel Fiskejxn FF163

Fix68010 A program which patches executables that fail to run on machines equipped with an M68010, so that they no longer use the prohibited privileged instructions. Binary only. Author: Gregor Brandt FF241

FixCLI A tiny pure command which fixes problems with CLI's not created by other CLI processes. A new CLI or Shell created by such programs as PopCLI or DMouse gets no path and no current directory. FixCLI very quickly and efficiently gives a path to a CLI that does not have one (it looks for other processes that have valid paths) and sets the current directory as specified if none is already set. Put it in your S:Shell-Startup script. Includes source. Author: Paul Kienitz. FF429

FixDate Fixes future dates on all files on a disk, C program in C source code and executable. AM1

FixDisk A program to recover as much as possible from a defective disk. It can sometimes recover damaged (unreadable) tracks, check file integrity, check the directory structure, undelete files, copy or show files, fix corrupted directory pointers, etc. Full intuition interface. This is version 1.2, an update to version 1.0 on disk 223. Binary only. Author: Werner Guenther FF403, FF223

FixFd A utility for Amiga assembly programmers. FixFd will read a '.FD' file and output a file that can be 'INCLUDE'd rather than having to link with the colossal 'Amiga.Lib'. V1.0, includes source in assembly. By Peter Wyspianski FF183

FixHunk A program to modify executable files to allow them to run in external memory. It forces all DATA and BSS hunks in the file to be loaded into CHIP memory.

CODE hunks will still load into FAST ram if available. New features include an interactive mode to select where each DATA or BSS hunk will load into memory, support for overlays, support for AC BASIC compiled programs, and support for new hunk types as used by 'blink'. V2.1, binary only. By D.J. James FF197, FF36, AM17, AM16

FixIcons A program to scan through all files in a given volume or directory, looking for project icons and changing their default tools according to instructions given in a script file. Version 1.2, includes source. Author: Lars Clausen FF303

FixObj Strip extraneous garbage off the end of object files transferred with modem. Does not require pre-knowledge of actual file length, uses knowledge of Amiga file structure. Version 1.1 (update to copy on disk #10). Author: John Hodgson FF38, FF10, AM17, AM2

FixWB A program similar to 'DropCloth' (also on this disk), but not fully working yet. At least this one is provided in source, so you get your choice of a working one in binary or a nonworking one in source. Sigh. Author: Leo Schwab FF59

FKey includes template for making paper to sit in the tray at the top of the Amiga keyboard. AM15

FlamKey Installs a little key on the WorkBench screen title bar, and then waits in background until somebody clicks on the key. When activated, allows the keyboard and mouse inputs to be locked out until a password is entered. Shareware, binary only. Author: Alex Livshits FF105

FlashBack Demo version of a new backup utility. Fully functional version except for the restore operation. Features include backup of multiple partitions in one pass, backup of non-AmigaDOS partitions, backup to a file, automated unattended backups, pattern matching, and streaming tape support. Version 2.05, binary only. Author: Leon Frenkel, Advanced Storage Systems FF447

Flex Flex is a replacement for the UNIX lex (lexical analyzer generator) program that is faster than lex, and freely redistributable. This is version 2.3, an update to the version on disk 156. Includes source. Authors: Jef Poskanzer, Vern Paxson, William Loftus, et. al. FF407, FF156

FlightSim A simple flight simulator AmigaBASIC program. AM9

Flip Allows you to quickly and easily switch between various screens. Can close screens, pull them up, and activate windows. Has the unique feature of sorting screens in a way that all title bars are visible at one time. This is version 2.0, binary only. Author: Lars Eggert FF390

Flip Another program in the long tradition of screen hacks. Run it and see what happens. Binary only. Author: Andreas Schildbach FF369

Flip Seems like Leo's gems have inspired lots of people. This one is quite cute also. Written in assembler, includes source. Author: Mike Berro FF66

Flip Very small program which replaces the left-Amiga-N and M commands with screen and window flipping commands. It's an excellent example of how to use PC-relative addressing within input handlers. Version 2.0, includes a technical discussion and source in C and assembly. Author: Mike Monaco and Timm Martin. FF437

Flipper A small, fast, Othello program. Does not use any look-ahead methods. Binary only. Author: Michael Sinz FF248

FLODemo Floorplan Construction Set demo. Fully functional except the Save IFF function is disabled and 15 pages of clip rooms have been replaced by a single sample page. This is version 1.48, binary only. Author: Jim Hennessey, Gramma Software FF452

flood.c Flood fill example. C program. AM4

Flow2Troff A little utility to convert from New Horizons Software 'FLOW' files to UNIX 'troff' files, suitable for printing on any troff-compatible laser printer. Version 1.0, includes source and a sample 'FLOW' file. Author: Daniel Barrett FF162

Flute Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Fm File mapper program. Uses track disk device to grab sectors and traverse the file system to find out what sectors a particular file occupies. Author: Leo Schwab FF36, AM15

FMC An alternative to the NoFastMem program. Uses a cute little switch gadget to turn fast memory on or off. Version 1.2, includes source in assembly code. Author: Roger Fischlin FF244

FME Patch to AllocMem() to allow badly designed programs which request fast mem without necessity to be run on 512k machines. Plus source in assembler. By: Holger Lubitz FF346

Fme Nicely done map editor for the Fire-Power (tm) game. Features interlaced hi-res with intuition interface. See the 'Readme.fmf' file for information on making a bootable disk. Includes source. Author: Gregory MacKay FF148

FMouse A mouse pointer accelerator, similar to Matt Dillon's DMouse. Includes a screen blanker and 'hot keys'. This is version 1.01. Includes source in assembly. Author: Roger Fischlin FF437

FmsDisk A file based trackdisk simulator, useful for creating a floppy-like partition on your hard disk (so you can diskcopy to a floppy) without actually having to create a special partition for it. Also useful for testing new filesystems and such. Supports up to 32 units, with either the old filesystem or the new fast filesystem. Includes source. Author: Matt Dillon FF294

FncnKeys Text file explains how to read function keys from AmigaBASIC. AM9

FontConvert A printer font conversion program to convert standard Amiga fonts into a form suitable for downloading to a printer that supports user defined printer fonts. Version 1.0, includes source. Author: Olaf 'Olsen' Barthel FF393

FontEditor Does what the name implies, edits fonts. Author: Tim Robinson Author's suggested shareware donation: \$5 FF30

Fonts Several miscellaneous new fonts for your enjoyment. Author: (Several) FF81

Foogol Just what you've been waiting for, a foogol cross compiler for your Amiga that generates VAX assembly code. Now you can port all those Amiga foogol programs to your VAX! Seriously, foogol-IV is a tiny Algol like language and this is a compiler for it. Includes source. Author: Per Lindberg FF66

Foreach A simple but useful program that expands a wild card file specification and then invokes the specified command once per expanded filename, with the expanded filename as the command argument. Includes source. Author: Jonas Flygare FF138

Form File formatting program through the printer driver to select print styles. AM15

Formatter A faster and more user friendly floppy disk formatter that is also an example of how to format Amiga file systems in general and get AmigaDOS to accept them. Formatting without verify takes about 50 seconds, with verify takes about 100 seconds. Version 2.7, includes source. Author: Olaf Barthel FF398, FF377

Formulae An implementation of basic propositional formulae manipulation routines in Scheme (Scheme is available on disk 149). Uses only essential procedures so it should run under any Scheme. Includes source in Scheme. Author: Gauthier Groult and Bertrand Lecun FF316

Fortune Randomly display a 'fortune' selected from a fortunes file (supplied), by text or voice. The 'fortunes' file is easily modified or added to by the user, using any text editor. New version will work from the Workbench or CLI. Version 2.04g, update to version on FF311, source included. Author: George Kerber FF369, FF311

Fpic Fpic is an image processing program, designed specifically to be used in conjunction with digitized (Digi-View) lo-res black & white IFF picture files. Provides several filters, including average, binary (threshold), clipblit, cross, Sobel, Roberts, pixelize, sharpen, and a user defined matrix. Also supports merging of two images, histogram, image compare, and remapping. Binary only. Author: Bob Bush FF71, AM20

FracGen A fractal generator program that generates fractal pictures from 'seeds' that you create. This is unlike any of the other 'fractal generators' I've seen. It can be used to load and display previously created fractal pictures, modify existing fractals, or create your own fractals. V 1.23, binary only, update to FF142. By Doug Houck FF188, FF142

Fractal A fractal program which produces a random square fractal terrain. Author: John Olsen FF52

fractal One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13

FractalLab Investigate the realm of fractals and allow your imagination to run wild. Virtually an unlimited number of these self-similar curves can be created with FractalLab. Includes several interesting samples. Version 1.0, binary only. Author: Terry Gintz FF391

Fractals A Fractal generator that generates many different types of fractals based on the iteration of complex-valued formulas. The program can generate the Mandelbrot and Julia sets, as well as the sets of more unusual formulas such as lambda*cos(Z) and Newton-R. Version 2.1, includes source and some sample creations. Author: Ronnie Johansson. FF371

Fractals draws great fractal seascapes and mountainscapes. AM15

Fractals Part I: An introduction to the basics of fractals with examples in AmigaBASIC, True BASIC, and C. Author: Paul Castonguay AC2

Fractals Part II : Part II on fractals and graphics on the Amiga in AmigaBASIC and True BASIC. Author: Paul Castonguay AC4

Fractals: Part III: AmigaBASIC code that shows you how to save/load pictures to disk. Author: Paul Castonguay AC6

Frag Two CLI utilities that show disk and file fragmentation on AmigaDOS floppies. Includes source. By: David Gay FF278

FragIt A dynamic memory thrasher for the Amiga. FragIt randomly allocates and deallocates pseudo-random size values of memory, ranging from 16 bytes to 50000 bytes by default. The result is an allocation nightmare, thousands of memory fragments are being created and destroyed continuously. This puts stress on the memory allocation routines of an application undergoing testing by simulating a very busy, highly fragmented memory environment. This is version 2.0, featuring many bug fixes, a full intuition interface, configuration settings via the icon, and more. Includes source. Author: Justin V. McCormick FF243

Fragz Reports the number of free blocks of size 2^(n-1) to (2^n)-1 for n up to 24 (blocks of max size 16Mb-1). Translation: Gives you some idea of how fragmented your free memory is. Includes source. Author: Mike Meyer FF69

Free A little command to put in your c directory that returns memory status and number of tasks currently served by EXEC. Includes source. Author: Joerg Ansliek FF159, FF66

Free Display how much free space (bytes or blocks) you have on any or all of your mounted disk volumes. Runs from CLI only. Based on 'Free' by Tom Smythe on Fish Disk 66, but totally rewritten and enhanced. Version 1.01, includes source. Author: Daniel Jay Barrett FF388

freedraw A small 'paint' type program. Free drawing, boxes, filled boxes, etc. Author: Rick Ross FF1, AM1

freemap Creates a visual diagram of free memory. Comes with custom icon so can be run from workbench screen. Author: Robert J. Mical FF5, AM4

FReq A general purpose file requester, which was designed to be easy to use and fast, with a built-in ARExx port allowing you to use it from ARExx scripts or applications with ARExx ports. Version 1.0, binary only. Author: Jeffrey D. Wahaus FF308

Friends Cute little screen hack with command-line options to keep your mouse pointer company when you step away. Includes source. Author: Michael Warner FF161

fscape One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13, AM1

FTOHEX Part of DASM used to convert a DASM executable into an intel-hex formatted ascii file. FF168 & 169

fullfunc.txt List of #defines, macros, functions. C program. AM4

FullReset A program to get rid of all viruses, vector modifying programs, and residents, by forcing a specific reset. Binary only. Author: Jurgen Klein FF283

FullView A text viewer that uses gadgets at the bottom of the screen (thus can display text 80 columns wide), opens up to the full height of the Workbench screen, has fast scrolling, and can work with files compressed by PowerPacker. Also shows IFF pictures. This is version 2.02, an update to version 1.1 on disk 287, binary only. Author: Jonathan Potter FF412, FF287, FF242

FullWindow Resizes any CLI window using only CLI commands. Executable program and documentation. AM18

Fully Utilizing the 68881 Math Coprocessor Part III: Timings and Turbo_Pixel Function. Author: Read Predmore. AC11

FunBut Lets a function key act like a rapid series of left mouse button events. AM26

FuncKey A shareware function key editor, submitted by the author for inclusion in the library. This is version 1.1, an update to the version on disk 89. Binary only (source available from author). Author: Anson Mah FF106, FF89

FuncLib A program that allows you to add or remove rexx function libraries. Author: Jeff Glatt, Dissidents Software FF393

Function Evaluator: A program that accepts mathematical functions and evaluates them. Written in C. By Randy Finch AC6

Funds AmigaBASIC program to track the prices of mutual funds or stocks. Includes source. Author: Bill Strack FF74

Furnish For those of you who may have ever used the 'scale size cut and place' method of determining your next living-room arrangement, this Amiga-ized version may be just what you need. Binary only, shareware. Author: Terry Gintz FF175

gad 'Fun with Gadgets'. Demonstration program for use of gadgets. Author: John Draper (aka 'crunch') FF1

GadgetED A program for creating and editing intuition gadgets. Includes a palette editor, generation of either C or assembly source, and binary saving for later loading and editing. Also comes with PatchGE, a program for converting the original format of GadgetED binaries to be loadable by this and future versions. Version 2.3, an update to version 2.0 on disk 438, includes source. Author: Jan van den Baard FF475, FF438

Gadgets Bryan Catley's AmigaBASIC tutorial. Source code and documentation. AM19

Gadgets Tutorial on gadgets from J. Draper. AM2

GamePort A toolkit with link time and shared libraries that allow easy access to the GamePort device. Includes examples and test programs. Version 1.1, binary only. Author: Paris Bingham FF446

gameport Text, game port spec. AM5

Garden makes fractal gardenscapes. AM22

Garfield Garfield in LoRes FF72

Garylcons A collection of more interesting and useful icons. Author: Gary Roseman FF190

Gauge Continuously displays memory usage in a vertical bar graph, similar to the workbench 'fuel gauge' type display for disk space. Binary only. Author: Peter da Silva FF111

gbox One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13

Graphic Arts
Desktop Video
Word Processing
Desktop Publishing
Music
Education
Business & Home Productivity
Programming
Utilities
Entertainment
Miscellaneous Software
Drives
Memory Expansion
Accelerators
Video Hardware
Miscellaneous Hardware
Accessories & Services
Books & Tapes
CDTV
PDS Guide
AMICUS Index
Fred Fish Index
Vendor/Product Registration
AC Back Issue Index
User's Groups
Vendor Information
Product Index by Product
Product Index by Vendor
Category Index
Last Minute Additions

GDiskDrive Text instructions to make your own 5 1/4 drive. AM8

Gears A program to calculate and display the gears of a multispeed bicycle. Works for bicycles with 3 to 21 gear combinations. Version 1.1, includes source. By Joel Swank FF304

Gels In MultiForth Parts I & II: Learn how to use Gels in MultiForth. Author: John Bushakra AC1

Gels in Multi-Forth-Part 3: The third and final part on using Gels in Forth. Author: John Bushakra AC5

geltools.c Tools for VSprites and BOBs. C program. AM4

Gemini Star-10 Printer driver for the Gemini Star-10. AM9

Gen Program indexes and retrieves C structures and variables declared in the Amiga include filesystem. AM16

GeoTime A couple of interesting 'clock' type programs based on the 'Geochron'. Observe the earth's shadow scroll across a map or globe in real-time, based on the system clock. V1.0, binary only, shareware. By Mike Smithwick FF180

GetDisks Sample program to find all available disk device names and return them as a simple exec list. The list is made of named nodes, with the name being the device name. By Phillip Lindsay FF56

GetFile A very nice filename requester with source code. By Charlie Heath FF41

GetImage An enhanced version of 'gi' from disk 14. It now looks for the GRAB marker, in the brush file, instead of assuming that it is at a specific place, sets up the PlanePick value in the Image structure, and deletes any unused bitplanes to save memory and disk space. Includes source. Author: Mike Farren, enhancements by Chuck Brand FF345

Getsprite A simple little program to convert Dpaint brushes into C-source. Binary only. Author: Michael Warner FF161

Getting to the Point: Custom Intuition pointers in AmigaBASIC. Author: Robert D'Asto AC10

GetVolume Sample program to get the volume name of the volume that a given file resides on. Works on any device, even the RAM: device. Author: Chuck McManis FF56

gfxmem An updated version of the graphical memory display program first released on FF1. Watch your machine's memory usage change dynamically under use! Author: Louis Mamakos FF14, FF1, AM4, AM1

gi Converts DPaint brush files to C source files 'necessary to create an Image structure, including height, width, depth, and color information, as well as the array of data which represents the bit planes of the image'. Author: Mike Farren FF14

GIFMachine A program that will convert CompuServe GIF image files into IFF SHAM and 24bit ILBMs. It offers a number of extra options like dithering, horizontal and vertical flip, as well as automatic border removal. Requires KickStart version 2.0 or greater to run. This is version 2.116, an update to version 2.104 on disk 405. Includes source. Author: Christopher Wichura FF458, FF405

Glat's Gadgets: Using gadgets in Assembly language. Author: Geff Glat AC6

Glib A text screen oriented librarian and editor for synths. Supports the TX81Z, DX100, DEP5, DW8000, and K-5. Includes source. By Tim Thompson, Steve Falco, and Alan Bland FF228

GlobeDemo A graphics demo which displays very smooth transitions of the rotating earth. Features a pop-up menu. Includes source. Author: Bob Corwin FF151

Globulus Demo version of a new arcade game that is reminiscent of the old Q-bert game. You control a cute little character and hop him around pathways in a diagonal kind of world, while trying to avoid bad things and catch good things. Binary only. Author: Innerprise FF449

GMC A console handler with command line editing and function key support. GMC provides extended

command line editing, function key assignment in four levels, extended command line history, online help for functions in the handler, and an iconify function. Also includes an output buffer (dump to printer and window), filename completer, script function, undo function, prompt beeper, pathname in window title, close gadget for KS 2.0, etc. This is version 9.8, an update to version 9.6 on disk 398. Shareware, binary only. Author: Goetz Mueller FF434, FF398, FF387, FF291

GnuAwk GNU awk is the GNU Project's implementation of the AWK programming language. It conforms to the definition and description of the language in The AWK Programming Language, by Aho, Kernighan, and Weinberger, with the additional features defined in the System V Release 4 version of UNIX awk. Version 2.10 beta, includes source. Author: Paul Rubin, Jay Fenlason, Arnold Robbins, et al. FF406

GnuGrep The grep program from the GNU project. Replaces grep fgrep, egrep, and bmgrep. This is an update to version 1.5 on disk 295 and now handles AmigaDOS style wildcard specifications. Includes source. Author: Many (see README file) FF406, FF295, FF204

Go64 Another screen hack aimed at an earlier Commodore product (Not to be confused with the commercial product Go-64! from Software Insight Systems). With source. By Joerg Anslik FF156

Gomf Gomf stands for 'Get Outa My Face', a phrase many a programmer has mumbled when a Guru alert appears unexpectedly. This interesting little program can generally make the Guru go away and allow you to clean up and shutdown more cleanly. Version 1.0, binary only. Author: Christian Johnsen FF95

gomoku One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13, AM3

gothic Gothic banner printer. Prints DOWN the page, rather than across, so arbitrarily long banners can be created. Send EOF (CTRL-\) to end input. From a Decus C distribution several years ago. FF3

GoWB Very small (296 bytes) and effective replacement for the well known "LoadWB" and "EndCLI" command pair. This release fixes a severe bug in the first version which used to guru if run out of a script. With source in C. By Oliver Wagner FF346

GPrint A black & white graphics print utility for Epson compatible printers. Command-line options allow several different print qualities and densities. Includes a couple of sample IFF files for printing. V2.03, binary only, shareware. By Peter Cherna FF180

Grammars A group of lexical grammar files for Ada, C and Pascal for use in conjunction with the flex program on this disk and the bison program on FF 155 By various authors, submitted by William Loftus FF156

Graph A program that draws mathematical functions on a plane. Text and axes may be added, and the result saved to disk or printed. Uses a full Intuition interface with multiple windows (one per graph), requesters, etc. V1.0, with source. By David Gay FF280

Graph Function graphing programs. AmigaBASIC Program. AM3

graphics.bmap one of the necessary links between AmigaBASIC and the system libraries. AM8

GraphicsPak A set of functions for general graphics operations such as boxes/lines, blitting, and opening/closing the libraries. It is used by both of the PopMenu and ListWindow test programs. Includes source. Author: Paul Thomas Miller FF368

GraphIt A program to plot most simple functions in 2 or 3 dimensions, as well as 2d parametric equations in terms of t. Includes source. Author: Flynn Fishman FF97

Gravity A program which simulates the movements of astronomical objects under the influence of gravity. For example, you can simulate the solar system or two stars circling around each other. Version 1.0, binary only. Author: Guido Burkard FF422

gravity Sci Amer Jan 86 gravitation graphic simulation. In C source code and executable. Documentation included. AM13

Gravity-Well A celestial motion simulator that simulates the motion of up to twenty bodies in a Newtonian universe. The view of the simulation may be scaled, rotated in three dimensions or repositioned. Includes source. Author: Gary Teachout FF250

GravityWars The object of this game is for one player to hit the other player's ship with a missile, before being hit yourself. The ships and planets don't move, but aiming the missile in the presence of gravity fields and black holes makes hitting your target difficult. Version 2.0, shareware, binary only. This is an update to the version on FF84. Author: Ed Bartz FF105, FF84, FF70

GravSim A program to animate up to 6 planetary masses, all of which exert a mutual gravitational force on each other. The planetary masses can be placed anywhere on the screen, and their mass and initial velocity can be determined by the user. The program then steps the animation through time, plotting and displaying the new position in the trajectory of each mass. V1.50, includes source. Author: Richard Frost FF223

GreekFont A 12 point font with Greek letters. Version 1.0. Author: Daniel Moosbrugger FF474

grep Decus grep (Get Regular Expression and Print). Useful for finding strings in files. Author: Unknown FF4, AM1

Grids Draw sound waveforms, and hear them played. AM15

Guardian Another virus diagnosing and vaccination program. Recognizes any non-standard bootblock. Includes a small utility program to permanently place the program on a copy of your kickstart disk in place of the seldom (if ever!) used Debug() function. Binary only. Author: Leonardo Fei FF154, AM25

Guru Guru fantasy in LoRes FF72

Guru Handy 'guru' number interpreter (well, handy after reboot anyway!). Tells you what '81000009' means, for example. CLI usage only. Standalone image with readme file. Source code included. Author: Mike Haas FF239, AM25

GuruMed Text file explains the Guru numbers. This is an older file. AM8

GurusGuide The source files for all examples published in the 'Guru's Guide, Meditation #1: Interrupts' by Carl Sassenrath, the architect of the Amiga's low-level multitasking operating system and designer of Exec. Author: Carl Sassenrath FF203

Gwin GWIN or Graphics WINdow is an integrated collection of graphics routines callable from C. These routines make it easy to create sophisticated graphics programs in the C environment. One line calls give you a custom screen (ten types available), menu items, requestors, text, circles, polygons, etc. GWIN is a two dimensional floating point graphics system with conversion between world and screen coordinates. GWIN includes built in clipping that may be turned off for speed. Use of color and XOR operations are greatly simplified. Many examples of the use of GWIN are included in an examples directory, including a line/bar graph program, geographic mapping program, SPICE 2G.6 graphics post processor, and others. Extensive documentation is included. This is version 1.1, an update to version 1.0 on disk 322, recompiled to be compatible with MANX Aztec C Release 5. Author: Howard C. Anderson. FF433, FF322

GwPrint An intuition-based text file print utility. Offers a wide selection of adjustable features for controlling pagination, headers, trailers, margins, date and page-numbering and various print styles/sizes. Version 2.0, binary only, shareware. Author: Gaylan Wallis FF367

H2I Translates C include files into assembler include files. Useful for programmers that use both C and assembler code in the same program. Helps to keep the structure definitions consistent. Version 1.1, shareware, binary only. Author: Goetz Mueller FF387

H2J Converts 'C' style '.h' include files to JForth style 'j' files. Useful when developing interfaces to new Amiga libraries like ARP, etc. Standalone image and source code. By Phil Burk FF239

Hack This disk contains a port of the popular UNIX game 'Hack', done by John Toebes and the crew at the Software Distillery. This is version 1.0.3D. I have copied all the files to a freshly formatted disk, to create the master distribu-

tion disk, using a command of the form 'copy df0: to df1: all'. This insures that disk fragmentation is kept to a minimum, but also has the unfortunate side-effect that all the file dates are changed. Note that this disk must be named 'Hack_Game'. I have elected to keep that name, rather than using the usual 'AmigaLibDiskXX' convention for disks in my library, to avoid requiring users to rename the disk before using it-Fred. Released April 11, 1987 FF62, FF25, FF8&FF7

HackBench HackBench provides the source for a WorkBench-like program, for experimentation and validation of new interface ideas. It is not intended to be an actual WorkBench replacement. Author: Bill Kinnersley FF96

HackerSin Textfile explains how to win the game 'hacker'. AM9

HackLite This is the latest version the Amiga port of Hack, with lots of Amiga specific enhancements and neat graphics. Now includes an easy to use installation program. This is HackLite V1.0.0, binary only. By Software Distillery FF187

HagenDemos Joel Hagen's Badge Killer Demo contest entries, 'RGB' and 'Focus'. RGB was the overall winner of the contest. It requires one meg Amiga. Binary only. By: Joel Hagen FF112

haiku One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13

hal9000m One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13, AM1

halfbrite Sample program that demonstrates 'Extra-Half-Brite' mode on later AMIGA's with new VLSI chip. Allows 64 colors in low-res mode, rather than 32. Posted to usenet by Robert Pariseau. FF1, AM1

halley One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13

Ham Bone: A neat program that illustrates programming in HAM mode. Author: Robert D'Asto. AC9

HAMCu Installs a custom copper list for the current active view (usually workbench) that contains all the colours from 0x000 to 0xffff. A neat effect and an easy way to show off the color capabilities of the Amiga. With source by Jonathan Potter FF204

Hames Some miscellaneous programs from Chris Hames. DirWork V1.01 is a fast, small, simple efficient DirUtility. FSDirs V1.3 is a floppy accelerator program. VMK V27 is a small virus detector/killer that knows about 27 different viruses and can detect new ones. Nofno V1.0 stops programs from producing 'info' files. Binaries only. Author: Chris Hames FF328

HamLabDemo Demo version of an expandable image format conversion utility. Converts GIF, TIFF, PBMPPLUS, Spectrum 512, MTV, QRT, and Sun images into HAM and SHAM. Images can be scaled, dithered, color corrected, and cropped. This demo version is limited to processing images of 512 by 512 pixels or less. Version 1.1, shareware, binary only. Author: J. Edward Hanway FF466

HAMmmm This is Phil's entry for the Badge Killer Demo Contest. HAMmmm displays lines whose end points are bouncing around the screen, which is a double buffered HAM screen. The Y positions of the points are continuously copied into an audio wave form that is played on all four channels, and the pitch of a just intoned chord is derived from the average X position of these points. Includes source in JForth. Author: Phil Burk FF118

HAMmmm2 Graphics hack that displays moving lines in a HAM screen for a hypnotic effect. Uses sound tools from HMSL, if available, for a drone sound that corresponds to the graphics image. Standalone image and source code. By: Phil Burk FF239

HamPics These are some of the most stunning digitized pictures yet for the Amiga. They were scanned at a resolution of 4096 by 2800 pixels, 36-bits per pixel, on an Eikonix 1435 slide scanner, cropped, gamma corrected, scaled, and converted to Amiga IFF HAM files. They are displayed with a special ILBM loader that handles overscan HAM images. Includes source for the display program. Author: Jonathan Hue FF196

HAMpoly A polygon drawing demo which uses HAM mode to produce polygons of any of the possible 4096 colors. Author: John Olsen FF52

hand. A program is also included for restoring the correct checksum of the Kickstart disk. AM25

Handler An example that implements an AmigaDOS Handler (device) in non-BCPL format. Author: Phillip Lindsay FF38

Handling Gadget and Mouse IntuiEvents: More gadgets in Assembly language. Author: Jeff Glatt. AC9

Handshake A full featured VT52/VT100/VT102/VT220 terminal emulator. The author has taken great pains to support the full VT102 spec. Now supports ANSI colors, screen capture and more. V2.12a, binary only, shareware. By Eric Haberfellner

Handshake A full featured VT52/VT100/VT102/VT220 terminal emulator. The author has taken great pains to support the full VT102 spec. Supports ANSI colors, screen capture, XPR external protocols, user selectable fonts, ARexx, and more. This is version 2.20c, an update to version 2.12a on disk number 172. Binary only, shareware. Author: Eric Haberfellner FF449, FF172, FF60

HandyIcons Adds a menustrip to the WorkBench window that allows you to run selected Workbench Tools by menu selection. Can be set up to provide custom environments. Current version supports only WorkBench Tools and not Projects. Binary. by: Alan Rubright FF148

Hangman A simple hangman program similar to one seen on some UNIX machines. Currently runs only from CLI. Includes source in C. Author: Gary Brant FF299

Hanoi Classical demo program for recursion. Solves the towers of hanoi problem in a workbench window of its own. Author: Ali Ozer FF54

HappySong A song created using the freely distributable program MED V2.10. Player program included. Author: Alex Van Starrex FF401

HardCopy A neat little program that creates a hardcopy transcript of any CLI session (like the UNIX 'script' program). Includes source. Author: David Cervone FF75

harp arpeggio Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Hash Small example program that computes the AmigaDOS directory hash function. By Neil Katin at Commodore-Amiga FF20

hauntedM One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13

Hawk A stereo image of a hawk. Requires red/green stereo glasses to view. No documentation, author unknown. FF206

HBHill This animation is one of Kevin's entries to the Badge Killer Demo Contest. It is the first known animation that makes use of the Amiga's 'Extra Half Brite' mode. Author: Kevin Sullivan FF126

Hd Hex dump utility using some ideas from Mike Higgin's article in Computer Language magazine, Apr 86. Formats the dump based on the natural byte ordering of the machine on which it runs. Author: David Elins at NEC Information Systems FF20

HDClick A program selector, typically installed in the startup sequence as the first command. Has user defined gadgets, a configuration file, an iconify function, and works with both NTSC and PAL systems. This is version 1.21, binary only. Author: Claude Mueller FF439

HdDriver A complete driver for a WD-1002-05 hard disk controller card. This card can handle 3 hard disks and 4 floppies, but the driver currently only handles one hard disk. Includes source. Author: Alan Kent FF98

HeadClean This program, combined with a fibre cleaning disk, can be used to clean the heads on your disk drives. Source code examples of accessing the Trackdisk device, and using gadgets are included. Standalone image with source code. Shareware. Version 2.0. Author: Phil Burk FF239

HeadGames A 'Shoot-Em-Up' game done with SEUCK game constructor, featuring digitized heads as enemies. Binary only. Author: Neil Sorenson FF425

Heart3D A program to find left ventricle outlines in the output of an Imatron CT scanner, and display wireframe animations of the beating heart. Includes several sample CT scan outputs. Binary only. Author: Jonathan Harman FF236

Hed A handy little editor that is more user-friendly than 'Ed', yet doesn't require the memorization of complicated keystrokes of some of the larger, more powerful, editors. Binary only. Author: Hal Carter FF164

HeliosMouse Another 'sunmouse' type program. Automatically activates a window simply by moving the mouse pointer into the window. V1.1. Includes source. Author: Davide Cervone FF111, FF94

hello Demonstrates creation of a simple window, 'hello world'. Posted to usenet by Eric Lavitsky. FF1, AM3, AM4

Helper A little InputEvent hack, activated via the HELP key. Originally meant to provide a unique method of giving the user help (you don't have to put that help stuff into your own program). Now also contains a color requester and a small notepad. Version 1.01, with source. By Michael Balzer FF332

HexCalc Nice little hex/oct/dec/bin calculator and converter. Binary only. Author: Scott Ross FF67

HexDump Modula-2 program to display memory locations in hexadecimal. AM26

hidden One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13, AM1

Hide A small utility to allow you to run old or ill-written applications on systems with expansion RAM. When hide is running, all memory allocations take place in chip memory. Somehow, something like this missed making it onto my earlier disks. Binary only. Author: Francois Rouaix FF85

High Octane Colors: Use dithering in AmigaBASIC to get the appearance of many more colors. Author: Robert D'Asto AC5

hilbert An AmigaBASIC that draws Hilbert curves. AM11

Hollywood An easy to play trivia game with such subjects as M*A*S*H, Star Trek (old and TNG), Indiana Jones, general television trivia, and more. Each topic contains fifty questions and a related picture. Each time you answer a question right, a small portion of the picture is added to the screen. Shareware, binary only. Author: FF423

horse whinny Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Horse&Buggy Hanson cab in an IFF picture. AM7

Horses.pic Horses in an IFF picture. AM6

Household Bryan Catley's AmigaBASIC household inventory program. In C source code and documentation. AM19

Hp A nice RPN calculator program that supports calculations with binary, octal, decimal, hex, float, and complex numbers. Other features include 32 registers for storing data and transcendental functions. Version 1.0, includes source By: Steve Bonner FF130

Hp-10c Program that mimics an HP-10c (Hewlett-Packard calculator), in TDIModula2. By: Duncan Prindle FF38, AM18

HP11 Emulates an HP11C calculator including the program mode. Features an ON/OFF button that turns the calculator into an icon that will sit and wait until you need it again. This is version 1.1, an update to FF153, and includes a few bug fixes and minor changes. Binary only. By: David Gay FF274, FF153

HPMam A program to manipulate settings and fonts on HP LaserJet+ printers and compatibles. Includes an Intuition interface and some sample picture files. Version 1.0, binary only, shareware. Author: Steve Robb FF153

Graphic Arts
Desktop Video
Word Processing
Desktop Publishing
Music
Education
Business & Home Productivity
Programming
Utilities
Entertainment
Miscellaneous Software
Drives
Memory Expansion
Accelerators
Video Hardware
Miscellaneous Hardware
Accessories & Services
Books & Tapes
CDTV
PDS Guide
AMICUS Index
Fred Fish Index
Vendor/Product Registration
AC Back Issue Index
User's Groups
Vendor Information
Product Index by Product
Product Index by Vendor
Category Index
Last Minute Additions

HR136 An IFF file containing a chart showing every possible mixture of the sixteen basic palette colors. Also included are optimized and monochrome palettes along with several tips and techniques for using them with various paint programs. By Dick Bourne FF182

HuePalette An AmigaBASIC program which explains Hue, Saturation, & Intensity. AM9

Humartia An arcade game where each player controls a jet and must destroy the opponents jet, which is accomplished when a jet has been hit 75 by either missiles or air mines. Binary only. Author: Jason Bauer FF462

HunkFunk A program to disassemble any given AmigaDOS hunk file, which includes executables, linker libraries, linker object files, overlayed files, etc. Written as an exercise by the author to learn a few things about AmigaDOS hunk structures. Includes source. Author: Olaf Barthel FF398

HunkPad HunkPad pads an object file out to where it is exactly a multiple of 128 bytes, thus making it immune to having garbage appended on to the end of it by xmodem type file transfer protocols. Version 2, includes source. By J. Hamilton FF92, FF84

HyperBase Nice little shareware database management system. Version 1.6, binary only, source available from authors. Author: Michael MacKenzie, Marc Mengel, and Craig Norborg FF131, FF58

HyperDialer Database for names and addresses, full intuition interface. Dynamically allocated, with configurable script startup file. Iconifies to titlebar icon. Search, sort, insert, delete, full file requesters. Uses modem to control dialing of multiple phone numbers. Binary only, shareware, with source available from author. Author: David Plummer FF367

HyperNet A small hypertext shell program for Amiga, presented with sources and brief documents. It was also submitted by Glenn Everhart, the author. HyperNet allows a 'master' AmigaDOS process to control a series of connected processes, where the connections are randomly ordered directed graphs. Permissible 'child' processes available at any stage are governed by the links of the graph. The implementation is mainly instructive, yet usable for tutorials or demonstrations and illustrates the simplicity of hypertext concepts on a multi-tasking system. FF176

Hypno A 'bouncing polygons' type program like Mackie, LineArt, and Bezier. Includes source in C. Author: Markus Schmidt FF297

Hypocycloids An electronic Spirograph inspired by an article in Feb '84 Byte Author: Terry Gintz FF27

IBM2Amiga Fast parallel cable transfers between an IBM and an Amiga C program. AM1

ICalc An expression calculator that works with real and complex numbers, has arbitrarily-named variables and user-defined functions, startup files and more. Version 1.0, includes source. Author: Martin Scott FF472

IceFrac A fractal generator using the Diffusion Limited Aggregation algorithm, as described in the book The Beauty of Fractal Images. This is version 2.1 and includes source. Author: Lars Clausen FF303

Icon A high-level programming language with extensive facilities for processing strings and lists. Icon has several novel features, including expressions that may produce sequences of results, goal-directed evaluation that automatically searches for a successful result, and string scanning that allows operations on strings to be formulated at a high conceptual level. Icon resembles SNOBOL4 in its emphasis on high-level string processing and a design philosophy that allows ease of programming and short, concise programs. This is version 7.5 of the public domain implementation of Icon from the University of Arizona. Binary only. Author: Ralph Griswold, Clinton Jeffery, et. al. FF277, FF81

icon.bmap one of the necessary links between AmigaBASIC and the system libraries. AM8

Icon2C A simple tool to turn any Workbench icon file into 'C' sourcecode, similar to the program of the same name by Carolyn Scheppner on disk number 56. This version has an arp interface and offers support for Kickstart 2.0 icons. Version 1.2, includes source. Author: Olaf Barthel FF377

Icon2C Reads an icon file and writes out a fragment of C code with the icon data structures, for inclusion in a larger program. Author: Carolyn Scheppner FF56

Iconaholism A selection of some very nice looking icons designed for an 8-color WorkBench. Includes script files to view the icons in their intended colors. Author: R.G.Tambash FF364

IconAssembler This program loads existing WorkBench icon files and allows you to change either the primary or alternate images to another image loaded from an IFF-brush file. Binary only. Author: Stefan Lindahl FF101

IconExec These two tools allow execution of a program from a SetWindow icon without having to recompile the program. Author: John Toebes VIII FF12, AM8

Iconify A subroutine that creates an icon on the Amiga screen that can be subsequently dragged around, and double-clicked on. You can use this to have your programs 'iconify' themselves to temporarily get out of the user's way. Includes source and demo program. Author: Leo Schwab FF126

IconImage Program to replace an old icon image with a new image, without affecting icontype, drawer data, etc. Includes source Author: Denis Green FF120

Iconize Reduces the size of IFF images, companion program, Recolor, remaps the palette colors of one picture to use the palette colors of another. Using these programs and a tool to convert IFF brushes to Workbench icons, make icons look like miniatures of the pictures. AM24

Iconizer A utility program that saves your current mouse pointer to a small icon. You can restore the pointer just by double-clicking on its icon. Allows for building a whole library of pointers and to use them whenever you want. Binary only. By Alex Livshits FF150

IconJ IconJ significantly enhances the IconX program, and is 100% compatible. It allows scripts to be executed by double-clicking the script's icon. Abilities include joining the script with the icon file itself, or calling it from any directory or disk, executing either AmigaDOS or ARexx scripts, outputting to any file or device, running interactive scripts and scripts that contain conditionals, and creating relative console windows. Includes a utility called Ataj which attaches or detaches a script to/from an icon file. Version 1.0, includes source in JForth. By: Rich Franzen FF321

Iconmaker makes icons for most programs. AM15

Iconmerger Intuition-based program to take any two brush files and merge them into an alternate-image type icon. V2.0, binary only. By Terry Gintz FF182

IconMk Iconmaker builds icons for files that were created without them. Version 1.2a, binary only. Author: Eric Levy FF71

Icons A large variety of icons for many uses, of practically every description. Most are animated. By: Bradley W. Schenck FF350

Icons Almost 300 icons in eight (!) colors. Uses a special program to get an eight color workbench to display these icons, which were made with DPaintII and IconGen. Most icons are miniatures of the main screen of their corresponding programs, or the picture they show, made with 'iconize' and 'recolor' from FF85. by: Wolf-Peter Dehnick FF213, FF151, FF124, FF82, FF71, FF67, FF44

IconTools Here are some tools for icon tricks. Note that these tools are really hacks because they exploit some areas of the .info files that the current version of WorkBench does not clear or reset upon loading the icon. There are three programs here which allow WorkBench drawer windows to appear in non-standard colors and allow you to move the position of the file name text to anywhere in the icon's graphic. Released to the public in the hope that 1.4 will allow more flexible user customization of the WorkBench appearance. Includes source. Author: Stephen Vermeulen FF284

IconType Change the type of an icon after editing with IconEd. Types are Disk, Drawer, Tool, Project, Garbage, and Device. Includes source. Author: Larry Phillips FF69

ID-Handler An AmigaDOS device handler, that generates unique identifiers. Generates a new unique 16 digit decimal number each time it is opened by an application. Version 1.0, includes source. Author: Ed Puckett FF87

IE An icon editor which can create and modify icons up to 640x200 pixels in size (also dual render). It can set stack size, position of icon (also free-floating), default tool, 10 tool types and control over opened window. It can also generate the C source code behind the icon for program inclusion. Now reads/writes IFF files and handles 4 or 8 colour icons. Version 2.0, update to version on disk number 342, source available from author. Author: Peter Kiem FF377, FF342

IFF A program which converts sampled sound files from the Instruments dealer demo disks to IFF sampled sound files in a FORM 8SVX Author: Bobby Deen FF43

IFF pictures parodies of the covers of Amiga World and Amazing Computing magazines. AM16

IFF Routines to read and write IFF format files. Includes program to display IFF files made by DPaint. Also see the DPSlide program on disk 11. By Jerry Morrison, Steve Shaw, and Steve Hayes FF10

IFF specs This disk contains a number of files describing the IFF specification. These are not the latest and greatest files, but remain here for historical purposes. They include text files and C source examples. The latest IFF spec is elsewhere in this library. AM5

Iff2Ansi Turns any two-color low-res IFF picture into ANSI text that can be displayed on any ANSI compatible terminal. This is version 0.1, includes source in assembly. Author: Carnivore/BeerMacht FF449

Iff2C Another IFF ILBM to C converter. Two unique features are the ability to generate comments representing the actual image, and the planepick computation. V 0.30 with source. Author: Gauthier Groult and Jean Michel Forgeas FF316

Iff2Ex A program to convert IFF pictures to an executable. It can handle NTSC/PAL, interlace and overscan. Version 1.0, binary only. Author: Pieter van Leuven FF331

Iff2Pcs An interactive puzzle program that takes any IFF file containing up to 16 colors, and breaks it up into squares to make a puzzle which the user can then piece back together again. Version 1.1 includes source. Author: Ali Ozer FF136, FF122

Iff2Ps A program to convert any IFF file to postscript for printing or viewing on a postscript compatible device Version 1.2, binary only. Author: William Mason and Sam Paolucci FF94

Iff2Src A utility to convert IFF pictures or brushes to source (C or assembly). The bitplanes, mask, colormap and image are written to a file. You can convert multiple files at once. Supports new 2.0 Applcon windows (like IconEd). AmigaDOS 2.0 only. Version 1.0, binary only. Author: Jorrit Tyberghein FF420

Iff2Sun A small utility for those of you who may have access to a Sun workstation. Takes an Amiga IFF file and converts it to a Sun rasterfile format. Update to FF174, with better parsing, support for HAM mode, and some bug fixes. Source only, as the program needs to be recompiled and run from a Sun. Authors: Steve Berry, Mark Thompson FF223, FF174

Iffar Maintains archives of Interchange File Format (IFF) FORM, AT and LIST files in a manner that complies with the IFF CAT specification. Version 1.2, with source. By Karl Lehenbauer FF162

IFFBeep A small utility that lets you replace the screen flash of DisplayBeep() with any IFF 8SVX sound file. Also plays sounds on disk insertion/removal. It can be run from the CLI or Workbench and includes an interactive control panel. Version 2.0, binary only. Author: Paul Wilkinson FF472

IFFBrush2BOB by Mike Swinger. AM14

IffDump Two programs for manipulating IFF files. IFFENCODER grabs an active screen and writes it to a file in IFF format. IFFDUMP decodes information in arbitrary IFF files and prints it in a human readable form. Author: Matt Dillon FF38

IffLib A ready-to-use library to perform various manipulations on IFF files. Includes a sample IFF viewer and a utility to save the front screen as an IFF file. This is version 16.1, an update to version 15.3 on disk 173, and includes a couple of bug fixes and some new features. Binary only. Author: Christian A. Weber FF301, FF173

IFFM2 Demo version of an IFF support module for Interface Technologies M2Amiga Modula-2 system. Includes a version of ViewILBM (with source) that uses the IFF support routines. V1.0.0D, binary only. Author: Gregory Epley FF221

IFFtoSUN This program takes a standard IFF format image and translates it into a SUN rasterfile format, like the Iff2Sun program also on this disk. However, this one runs on the Amiga. V1.31, includes source. Author: Richard Frost FF223

Ifs An Iterated Function System viewer which graphically displays iterated function systems and allows the user to interactively create the affine functions that define such systems. An IFS can represent complex pictures very compactly. Simple IFSs can describe an infinite number of different and interesting fractal displays. Includes a number of displays that the author and others have discovered. Version 1.5, includes source in C. Author: Glen Fullmer FF321

ILBM The ilbm reader/writer library 0.5 and examples. Also can be used for non-ILBM files. 100% compatible with original Electronic Arts code. Binary only. Author: Jeff Glatt FF463

ILBM2C Very useful utility for C-programmers. Reads in a standard IFF ILBM file and outputs a file to be included in your program. Source plus a sample program. By Tim Kemp FF173

ILBMLib A shared library (ilbm.library) to read/write IFF files, derived from the EA IFF code, along with various enhancements. Version 0.3, a partial update to version on disk 348. Author: Jeff Glatt, Dissidents Software FF393, FF348, FF237

Image-Ed An icon editor that allows you to draw and edit images up to 150 by 90, in up to 16 colors. Allows freehand drawing, empty or filled rectangles, ellipses, triangles, lines curves, and polygons, copy, flip about x or y axis, stretching and condensing, flood fill and complement, text with selection and loading of font style, undo, magnified and normal sized images, and two active drawing screens at once. This is version 2.4, an update to version 2.2 on disk 242. Shareware, binary only, source available from author. Author: Jonathan Potter FF412, FF242, FF211, FF204, AM4

ImageEditor A simple to use graphics editor which allows you to draw and save images/sprites as assembler or C source code. Includes IFF support, undo, and an iconify function. Another feature is the small memory usage so you can use multitasking even on a 512K machine. Maximum picture size is 166*58 pixels. This is version 2.4 and includes source. Author: Robert Junghans FF355

ImageLab A program which performs image processing on IFF pictures. Includes standard image processing functions such as convolution, averaging, smoothing, enhancement, histograms, FFT's, etc. Also includes file conversion functions, a clipboard, and other useful functions. Version 2.4, an update to version 2.2 on disk 243, includes bug fixes, PAL support, overscanned and super-bitmap image support, improved paint operation, better area selection, HAM histograms, and FFTs. Binary only. Author: Gary Millhorn FF452, FF243

images Miscellaneous DPaint and digitized pictures, in IFF format. Some are rated R. FF12

ImageTools A set of shareware tools, submitted by the author, to do various manipulations on IFF images, including comparison of the color palettes of a pair of IFF images, filtering an IFF image in various ways, producing a color usage frequency chart for an IFF image, reducing the size of an IFF image to produce a miniature to use as an icon, converting an icon to an IFF image, and recoloring an IFF image using the palette of a second image, in a least squared error fashion. Shareware, binary only. Author: Stephen Vermeulen FF85

IMandelVroom A slightly modified version of Kevin Clague's mandelbrot program (on FF78) that uses his 'ring detector' to draw an approximation of the interior fractal attractor contours. Binary only (with patches for original source). Author: Kevin Clague, enhancements by Howard Hull FF90

ImLate The White rabbit in HiRES color FF72

Imperium Strategic, RISK style game for up to four players. Based in the ancient times of Rome, Athens, Alexandria and Carthago. Binary only, shareware (\$10), Manx-C source available from the author. English

version 1.66E and German version 1.79D. Update to version 1.50E on Disk 362. Author: Roland Richter FF474

Imperium_Romanum Strategic, RISK style game for up to four players. Based in the ancient times of Rome, Athens, Alexandria and Carthago. Binary only, shareware (\$10), with C source available from the author. Version 1.50E. Author: Roland Richter FF362

Imploder Allows you to reduce the size of executable files while letting them retain full functionality. Uses efficient algorithms (both time and space) as well as taking into full consideration the complexity of the Amiga environment. Very well done. Version 3.1, binary only. Author: Peter Struijk and Albert J. Brouwer FF422

Improving Graphics: Improve the way your program looks no matter what screen it opens on. In C. Authro: Richard Martin AC5

Incr Incr will easily allow the user to keep a total count of any event run from a batch file. Incr will take a number from a file, increment it by one and display the result. The new count is written back to the file. Version 1.04b, includes source. Author: George Kerber FF311

IncRev A handy little program that will automatically increment the revision number of a program every time it is recompiled. Binary only. Author: Bryan Ford FF161

Indent This is version 1.1 of GNU Indent, a C source code formatter/indenter. Especially useful for cleaning up inconsistently indented code. Includes source. Authors: Developed by the University of California, Berkeley, the University of Illinois, Urbana, and Sun Microsystems, Inc. GNU version by Jim Kingdon, Amiga port by Dan Riley. FF262

Info Replacement for the AmigaDOS info command. Includes source. Author: Chuck McManis FF79

Ing The next step in the 'boing wars'. Turns a nice screenful of little windows into a screen of lots of bouncing little windows. Cute! Author: Leo 'Bols Ewhac' Schwab FF54

Input A toolkit with link time and shared libraries that allow easy access to the Input device. Includes examples and test programs. Version 1.1, binary only. Author: Paris Bingham FF446

Input How to read keyboard input simply and quickly. Includes C source, a sample program, technical discussion, and programming modules that you can 'plug in' to your own C programs. Includes source. Author: Timm Martin. FF436

input.dev In combination with handler.interface.asm (supplied), lets a user trap keyboard or mouse events before they get to Intuition and if desired, install new (phony/ generated /other-devices-mouse-simulations) into the input stream. Handler.interface.asm is needed to convert the calling sequence performed by the input.task for the input stream management into something that a C program can understand. By Rob Peck 12/1/85 FF5, AM4

inputdev.txt Preliminary copy of the input device chapter. C program. AM4

Inputhandler Example of making an input handler. AM16

Insta Sound: Tapping the Amiga's sound from AmigaBASIC using the Wave command. Author: Greg Stringfellow AC3

Install Drivers A document describing the installation process for printer drivers. AM9

Install Two Possible replacement versions of the standard install program (to make a disk bootable). Includes source. Author: Bryce Nesbitt and Scott Turner FF87

InstallBeep This program replaces the DisplayBeep function so that an IFF 8SVX sound is played instead of the screen flashing. The PlayBeep function runs as a task in the background and runs asynchronously so the length of the sound does not slow anything down. Includes a couple of sample sound files. Version 1.1, binary only. Author: Tim Friest and Don Withey FF217

InstallLibs A program to copy files to the LIBS: dir of a boot disk. Can be used to create a handy installation program (hard disks especially) for programs that need disk-based libraries. Includes source. By: Dissidents Software FF348

Instruments A collection of 25 instruments (from Cannon to Marimba) for playing and creating music. AM23

Intoxicated A nice little screen hack which affects the mouse. Saying any more would spoil the fun. Includes source. Author: Thomas Albers FF416

IntuiDOS IntuiDOS is a program to give improved control over, and handling of, the material on all diskettes in the 'CLI-area' by employing a multi-disk, scrollable directory and using Intuition techniques to issue DOS commands. Written in assembler. Binary only. Author: Lennart Sandin FF103

IntuiFace An intuition interface that handles the important functions of creating, inserting, extracting and listing files for three popular archiving utilities: ARC, ZOO and LHARC. Version 1.00, binary only, shareware. Author: Matthias Zepf FF366

IntuiSup A shared library which implements extensions to the Amiga operating system and graphical environment. Includes several example programs that make use of the library, including building a nifty file requester from the library's user interface routines. Version 1.15, binary only. Source available from author. By: Gauthier Groult FF316

Intuition demo An Intuition demo, in full C source, including files: demomenu.c, demomenu2.c, demoreq.c, getasciil.c, idemo.c, idemo_guide, idemo.make, idemoall.h, nodos.c, and twwrite.c AM4

intuition.bmap one of the necessary links between AmigaBASIC and the system libraries. AM8

IntuitionEd Intuition based utility that creates C source code for screen, window, border and text structures. IntuitionEd can also write the code for several functions required for the opening and closing of these structures. The code can then be compiled by either Manx and Lattice. Shareware donation to the author will receive an enhanced version capable of writing gadget structures as well. Version 1.0, binary only, several samples included. Author: Niels Thorwirth FF377

IPC An IPC (Inter-Process Communication) package, with the goal of creating a standard for IPC on the Amiga that is flexible enough to handle the widest possible range of applications. The protocol used addresses different problem areas than ARexx, and emphasizes different aspects of the communication process, such as fast communication and preservation of data structure. Includes source. Author: Pete Goodeve and Peter da Silva FF290

IPDevice Pipes for Power People. A pipe-like DOS device that passes data immediately rather than waiting until a buffer is full. It also allows multiple writers to a single channel, maintained connections, and piped connections to a Shell. Binary only. Author: Pete Goodeve FF374

IPo2C A utility to write a C-language definition of the current intuition pointer to a file, which can then be used in a program via SetPointer to mimic the intuition pointer. Includes source Author: Alex Livshits FF105

IRA Allows easy calculation of future values of investment. Enter the beginning investment value, annual percentage rate, annual deposit amount, and number of years, to compute the future value. Version 2.0, includes source. Author: Joel Swank FF304

IRMasteR This is a hardware/software project to allow the Amiga to read an infrared remote control via the parallel port. Includes an ALBM of the schematic for a simple interface to the A1000 parallel port, some modifications are needed for other Amigas. The source code and executable for a reader program are included. For further functionality modifications to the source can be performed. Author: Ron Peterson FF477

Isam A library of routines to access relational data base systems using the Index Sequential Access Method (ISAM). This is beta version 0.9, binary only. Author: Kai Oliver Ploog FF203

ISpell A quick and dirty port of a UNIX version of a freely distributable screen oriented, interactive, spelling checker. I use the UNIX version daily and it is very nice. You will need expansion RAM to run this with the supplied dictionary, as it loads the entire 300K hashed dictionary into memory. A hard disk is also recommended. Author: Pace Willisson FF54

Ist68010 Text guide to installing a 68010 in your Amiga. AM9

Graphic Arts
Desktop Video
Word Processing
Desktop Publishing
Music
Education
Business & Home Productivity
Programming
Utilities
Entertainment
Miscellaneous Software
Drives
Memory Expansion
Accelerators
Video Hardware
Miscellaneous Hardware
Accessories & Services
Books & Tapes
CDTV
PDS Guide
AMICUS Index
Fred Fish Index
Vendor/Product Registration
AC Back Issue Index
User's Groups
Vendor Information
Product Index by Product
Product Index by Vendor
Category Index
Last Minute Additions

Itb This program converts an icon to an IFF picture (brush) file. It handles both single and alternate image (animated) icons. This is version 1.10 which adds a colour palette to the previous version from disk 85. Version 1.10, binary only. Author: Stephen Vermeulen. FF326

JAR A shareware game (Jump And Run) using 3-D graphics. Your task is to collect the blue pills lying on the floors and steps, not to fall down or off the steps, and to avoid several monsters wandering about. You can collect various sorts of weapons to use against the monsters. Version 1.0, binary only, source available from author. Author: Andreas Ehrentraut FF242

Jask An intuition-based replacement for the ASK command. Will bring up a requester with a message and boolean yes/no type gadgets. Version 1.0, includes source. By John Barshinger FF177

JayMinerSlides These are the Amiga slides produced/used by Jay Miner (the designer of Amiga's custom graphics chips) in his talks about the Amiga. They are all hi-res (640 x 400) and are best displayed on a long-persistence colour monitor FF19

JazzBench A drop-in multitasking replacement for WorkBench. It has more features than WorkBench and is fully multitasking (no more waiting for ZZZ clouds). It allows you to extend it, add your own menus, key shortcuts, etc. This is alpha version 0.8, binary only. Author: David Navas FF228

JeansIcons Miscellaneous cute icons created for AMUC's monthly newsletter disk. Submitted by Stephen Vermeulen. Author: Steve Jeans FF137

Jed A nicely done, intuition-based editor that is quite user-friendly. Features word-wrap, auto-indent, newcli, alt buffer, split-window, keyboard macro, help, printing, and more. V1.1. Shareware, binary only. Author: Dan Burris FF297, FF180

Jimmy Disney's Jimmy The Cricketin HiRES color FF72

Jive program which transforms its standard input to 'jive' on its standard output. Author: Unknown FF46

JMenu This program allows an AmigaDOS script to display a menu, wait for the user to make a selection either with the mouse or the keyboard, and return the selection back to the script through an environment variable. It can also immediately execute any valid AmigaDOS command based upon the menu selection. The maximum size of the menu is based on the screen resolution and font size, up to a maximum of 26 selections of a maximum of 80 characters each and an optional title area of up to 4 lines. Version 1.1, binary only. Author: James Collins FF460

Jobs An alternate user interface to WorkBench or CLI. Version 2.1, binary only. Author: John Sawaya FF70

join One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13

Journal Journal is a program that records a sequence of mouse and keyboard events as they occur and stores them in a file. The file can be played back with another program, also supplied, which causes the same sequence of events to occur again. Very useful for creating demonstrations of programs or documenting repeatable bugs. V1.0, binary only. By Davide Cervone FF95

JoyLib Both a linktime version and a shared library of joystick routines featuring a technique which proves to be extremely fast on 68010 or higher processors, and still faster than most of the other routines on standard processors. Includes source for library in Assembler and the demonstration program in C. Author: Oliver Wagner FF378

JoyMouse A simple program that allows you to use a joystick as a mouse. Binary only. Author: Jonathan Potter FF412

joystick Shows how to set up the gameport device as a joystick. Reports parameters received from joystick hooked to right port. Author: Rob Peck FF5, AM4

Jpad One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13, AM1

JPClock A short clock program that is just packed with features. This is version 1.2, an update to version on disk 204. Includes source. by: Jonathan Potter FF242, FF204

JPDirUtil A directory-utilities type program with many built-in commands, and 16 customizable gadgets. User configurable in many ways. Can be iconified to Workbench screen. This is version 1.12, an update to version 1.11 on disk 287. Binary only. Author: Jonathan Potter FF412, FF287

Jsh A simple command line interpreter drawing on features from the BSD C shell. Author: Jim Kent FF38

JTime Detailed instructions, including schematics in IFF format, for building and installing a battery backed up real-time clock. The clock goes on the joystick port (aka mouse port 2). Author: Michael Keryan FF65

Juggette Some cute juggler animations from Eric Schwartz. Includes Juggette Anim, Juggette_2, and Juggler Demo 2. Author: Eric Schwartz FF413

Juggler Stunning animation of a robot juggler with ray traced reflective spheres. Uses HAM mode display and sound effects to boot! Version 1.2. Binary. By Eric Graham FF97, FF47, AM16

Jumble A quick 'brute force' program for solving for anagrams. Not very elegant, but gets the job done. Includes source. Author: Mike Groshart FF262

JustBeeps Simple example of using Audio and Timer devices. Plays a series of beeps whose pitches are based on a just intoned tuning system. Standalone image with source code. By: Phil Burk FF239

K1_Editor An editor for the Kawai K1(m) synthesizer with two auxiliary programs for managing sound dumps. V1.00, shareware, includes source. Author: Michael Balzer FF332

KawaiEditor A Kawai K4 editor (apparently some kind of midi based music synthesizer). Version 1.0, shareware, binary only. Author: Jan Saucke FF403

Keep A nice little utility program with an intuition interface for BBS and network junkies who download messages in one large file and then read them off-line. Using only the mouse, you can drive through such files a message at a time, examine each at your leisure and tag those you wish to keep. V1.2, binary only, but source available with donation to author. By Tim Grantham FF149, AM25

kermi This is an absolutely ancient kermi, who's only saving grace is it is small and quite portable. On the AMIGA, there is no connect mode, only send and receive. You must log into the remote machine via one of its local terminals and point its kermi at the appropriate serial line connected to the AMIGA. Author: Unknown, but it is so hacked up it doesn't matter. FF4, AM3

keyb.d.c Direct keyboard reading. C program. AM4

KeyBird BASIC prog edits keymaps, adjust the Workbench keymaps or create your own. AM25

KeyBiz This little hack will make you think you have mice scurrying around in the back of your computer. Includes source. Author: Mark Schretlen FF274

Keyboard Functions to translate RAWKEY Intuition messages into usable keycodes. Translation into Modula-2 of C source (by Fabbian G. Dufoe, III) on disk 291. Version 1.0. Includes source. Author: Fabbian G. Dufoe III, Peter Graham Evans FF344, FF291, FF5

Keyboard Input In Assembly: Fourth in a series of Assembly 68000 programming tutorials. Author: Jeff Glatt. AC12

KeyCodes Shows keycodes for a key you press in ABASIC. AM1

KeyFiler A BBS message file sorter that allows sorting by keyword. Includes a textreader, Soundex matching, and limited wildcard capabilities. V1.0, Binary only. By John Motsinger FF157

KeyLock Freezes the keyboard and mouse until the correct password is typed. Protection against inquisitive kids, cats, and other lifeforms. Binary only. Author: Andry Rachmat FF81

KeyMac A keyboard macro processor that allows you to record keystrokes and then play them back. V0.1, Source in Modula-II. Author: Fridtjof Siebert FF253

KeyMacro A keyboard macro program, configurable via a text file, that also supports hotkey program

execution. You can map up to eight functions to each key, including keys such as cursor keys, the return key, etc. Version 1.8, an update to version 1.6 on disk 398. Includes source. Author: Olaf 'Olson' Barthel FF436, FF398, FF354, FF325

KeyMapEd Allows you to change the KeyMaps used with SetMap. This is a full featured editor providing support for normal, string and dead keys. The keyboard represented is from an A3000/A2000/A500 but it is fully compatible with A1000 keyboards. This is version 1.1i, an update to version 1.02 on disk number 193, binary only. Author: Tim Friest FF388, FF193

KeyMenu Allows fast, easy access to pull-down menus from the keyboard without having to remember all the special amiga key sequences Version 1.01, binary only. Author: Rainer Salamon FF362

KeyMenu An alternative to Intuition's method of menu selection via the keyboard. Uses one key to activate the menu for the currently active window, the cursor keys to move through the menu as you choose, and the return key to select the desired menu item or escape key to abort selection. Works with AmigaDOS 2.0 mouse accelerator and has option to blank Intuition's pointer. Version 1.03, includes assembly source. Author: Ken Lowther FF470

Kick Another screen hack, specifically for A500/A2000 owners. I don't want to spoil any surprises but reportedly causes some machines to crash. Binary only. Author: Tony Solomon, Paul Fortin FF389

KickBench Instructions and programs for creating and using a combined KickStart and WorkBench disk, so only one disk is needed to reboot. Allows the system to reboot unattended after a power failure. Requires disks from developer's disk Author: Alonzo Garipey FF36

KickDate Saves and retrieves the current system date stamp to the first sector of the kickstart disk. This is handy for A1000 users with autobooting hard drives, since it can save the system time across system resets and power cycles. Version 1.0, includes source. Author: Joe Porkka FF408

kickdrum Sound demonstration icon-driven part of a set on AMICUS 10 AM10

KickFont For A-1000 owners, will permanently replace the topaz font on the kickstart disk with a font called 'look'. Includes a sample in the form of an IFF picture. V3.0, binary only. Also included is Benjamin Fuller's freely redistributable 'SumKick' program. By Greg Browne FF179

KickMem A program for A1000 hardware hackers that have done the Amazing Computing 512K upgrade. KickMem will patch your 1.2 or 1.3 kickstart disk to perform addmem during kickstart. This allows warm boot survivability of ram disk devices and eliminates addmem commands from your startup sequence. V2.0, includes source. Author: Dave Williams FF224

Kill Removes a task and as much of its resources as possible. Can close windows, unload process code, etc. Includes source. Author: George Musser FF79

Kill.fastdir Speed up directory access, it creates a small file in each directory on a disk which contains the information about the files, will also remove all the "fastdir" files from each directory. By CLImate's authors. AM25

Killer Killer is an incredible demo written by Robert Wilt. It won fourth place in the Badge Killer Demo Contest. Requires at least one meg of memory to run. Sound is also an important part of the demo so be sure to turn it up. Binary only. By Robert Wilt FF115

KillReq A small program which disables Intuition's AutoRequest function. In particular, this prevents AmigaDOS from putting up system requesters, which is useful if you are operating your Amiga remotely and can't use the mouse to click CANCEL. Unlike similar utilities which affect only a single CLI, KillReq disables ALL requesters. V1.0 and includes C source. By Eddy Carroll FF290

KingTut King Tut in an IFF picture. AM6

Klide This line art demo is Jerry's entry to the 1989 BADGE Killer Demo Contest, where it won 4th place. Klide uses line mode blitter code which is capable of rendering short vectors at a rate up to 15,000 lines/second. Binary only. By Jerry Kallaus FF268

Klock A menu-bar clock and date display. Executable AM9

Koch Flakes: Using the preprocessor to organize your programming. Author: Paul Castonguay AC11

Kryptor A small, simple and comfortable file encoder/decoder. Version 1.0, with source. By Michael Balzer FF332

KwikBackUp A harddisk backup program that writes data track by track onto multiple floppy disks. Uses the archive bit, saves and restores comments and protection flags, and skips over bad spots during restore. Version 1.0, includes source in Modula-II. Author: Fridtjof Siebert FF234

KwikCopy A quick but nasty disk copy program: It ignores errors. Executable program. AM8

L is a replacement for the BCPL 'list' program, but with some graphics enhancements. FF105

Label Simple program to print labels with arbitrary text. Version 1.3, binary only, but source available from author. Author: Mike Hansen FF96

Labeler A label generation program for Epson compatible printers. Has both English and German versions. This is version 3.0, binary only, shareware, source available from author. Author: Siegfried Rings FF435

LabelPrint3.5 A program that allows you to easily print labels for your disks. This is version 3.5, an update to version 3.0 from FF277. Shareware, binary only (source available from author). Author: Andreas Krebs FF363, FF277, FF246, FF238, FF210

Labels Alphabetic and numeric ordered cross reference lists of defined system constants. Recommended for debugging purposes only, use the symbolic values in programs! Author: Olaf Seibert FF111

LabyrinthII A shareware role-playing text adventure game similar in operation to the Infocom text adventures. Includes source. Author: Russell Wallace FF162, AC5

LaceWB The LaceWB program changes between interlace and non-interlace Workbench. Previously, you were forced to reboot after changing Preferences to an interlaced screen. This program flips between the normal and extended screen heights. AM25

Larn This disk contains a port of the popular UNIX game 'Larn', done by Edmund Burnette and the crew at the Software Distillery. This is version 12.0B. I have copied all the files to a freshly formatted disk, to create the master distribution disk, using a command of the form 'copy df0: to df1: all'. This insures that disk fragmentation is kept to a minimum, but also has the unfortunate side-effect that all the file dates are changed. Note that this disk must be named 'Larn'. I have elected to keep that name, rather than using the usual 'AmigaLibDiskXX' convention for disks in my library, to avoid requiring users to rename the disk before using it. Also note that, as distributed, this disk is only about 40% full. Normally I try to fill my library disks to about 90-95% full, but these 'packaged' disks are special.-Fred FF63

LaserBoing This ray-traced animation with sound is Mike's entry to the 1989 BADGE Killer Demo Contest. This 'Amiga Boing' ball is just loaded with energy! Binary only. By: Mike van der Sommen FF271

Lat3.03bugs Text file lists bugs of Lattice C version 3.03. AM8

latffp Shows how to access the Motorola Fast Floating Point library from Lattice C. Also demonstrates the tremendous speedup obtained Author: Larry Hildenbrand FF1

LatticeMain Text file tips on fixing _main.c in Lattice. AM8

LatticeXref A cross reference listing of all symbols defined in the Lattice 3.10 header files. Sorted alphabetically by symbol string, includes file name and line number of all references and/or definitions. Author: Fred Fish FF41

Launch Sample program showing how you can load and execute a program in the workbench environment, then return to the CLI. Includes source. By Peter da Silva FF179

Lav A 'title bar type' program that displays the number of tasks in the Amiga's run queue, averaged over the last

minute, 5 minutes, and 15 minutes. Presumably inspired by, and named after, the BSD 'load average' program. By William Rucklidge FF54

layers Shows use of the layers library, used by Intuition to create windows (layers handles all overlapping drawing areas and keeps things straight, sending to the back, bringing to the front, making larger/smaller, etc.) Author: Rob Peck FF5

layers.bmap one of the necessary links between AmigaBASIC and the system libraries. AM8

layertes.c Layers examples. C program. AM4

LBM2Image Takes an IFF picture and generates a C source module which can be compiled and linked with your program to display the picture with the intuition DrawImage function. Binary only. by: Denis Green FF190

LCDCalc Probably the prettiest looking four foundation (with memory) calculator ever written for the Amiga. Written in J-Forth. Version 1.023, binary only. Author: Mike Haas FF423

ld I presume this stands for 'list directory'. Lists contents of specified directory or disk, using inverse video and colors to group objects by type. Author: Dave Haynie FF10

ld4 Another directory listing program using some graphics style output. Executable only, no source available. (Downloaded from a Denver BBS) Author: unknown FF12

LedClock An extremely simple clock program, for interlaced screens only. Includes source. Author: Ali Ozer FF128

LeftyMouse Swaps the functions of the left and right mouse buttons so that Lefties can use the mouse with their left hands. Includes source. Author: Rob Eisenhuth FF229

Legends Fantasy Characters in HiRES color FF72

Leggo My LOGO: A Logo program that generates a Christmas tree with decorations. Author: Mike Morrison. AC7

Lemacs Microemacs version 3.6 as enhanced and supported by Daniel Lawrence. This version works and has been tested on UNIX V7, BSD 4.2, Amiga, MS-DOS, and VMS. Enhancements include overwrite mode, support for Amiga function keys, reverse video status line, numeric arguments using <ESC><number>, replace, buffer specific editing modes, word wrap mode, goto-line, buffer rename, insert-file, execute named command, describe bindings, startup files, and more. Author: Dave Conroy, enhancements by Daniel Lawrence FF22

Lemmings Demo version of an enchanting new game from Psychonics. The lemmings are cute little guys you have to guide across the screen from one level to the next, over and under and around various obstacles, by using your mouse and changing each lemming's characteristics to get them to perform various useful tasks such as building bridges or digging through obstacles. Binary only. Author: Dave Jones, Gary Timmons, Scott Johnston, and Brian Johnston FF453

Lens This program magnifies a small area surrounding the pointer and displays it in a separate window. Version 1.0, binary only Author: Ned Konz FF70

Less Like UNIX 'more', only better, with forward and backward scrolling, searching and positioning by percent of file and line number, etc. Now lets you also print the current file. Very useful! This is Amiga version 1.3, an update to the version on FF92. Includes source. Author: Mark Nudelman, Amiga port by Bob Leivian FF149, FF92, FF74, FF34

Lex A program (not to be confused with the UNIX lex program which is a lexical analyzer generator) which computes various readability metrics for text files. Computes Gunning-Fog, Flesh, and Kincaid indices. Author: Jeff Sullivan FF36

Lexical Analyzes a text file and gives the Gunning-Fog, Flesh, and Kincaid indices which measure readability. AM26

LGZ A Map generator/editor for the LGZ game. Not extremely useful if you don't happen to play that game, but good source example of intuition interfacing. Version 0.1. Authors: Lars and Henrik Clausen FF161

LHArc An archive program like Arc and Zoo, with a heavy emphasis maximum compression for minimum archive size, using LZHUF compression. This is version 1.30, an update to version 1.21 on disk 383. Binary only. Author: Paolo Zibetti FF404, FF383, FF312, FF289

LhArcA An intuitionized and faster version of lharc for the Amiga. Requires ARP library. Version 0.99a, binary only. By Haruyasu Yoshizaki, Amiga version by Stefan Boberg FF331

LhLib A shared reentrant Amiga runtime library featuring highly optimized assembly language versions of the LhArc data compression / decompression routines. Compresses faster and more efficiently than any other currently available implementation of the Lzhuf algorithm. Two example applications for data compression/decompression, an interface to the Amiga Oberon Compiler, and documentation how to use the library in your own programs are included. This is version 1.8, binary only. Authors: Holger P. Kregel and Olaf 'Olsen' Barthel FF436

Lhwarp A program which will read tracks directly from your floppy disk, compress them using adaptive huffman encoding, and output them to a file. The resulting file can be used by lhwarp to reconstruct an image of the original disk. This is version 1.20. New features include much faster compression/decompression, a 32-bit CRC, and two additional compression methods. Binary only. Author: Jonathan Forbes FF305, FF245

LibDir This program lists hunks in an object file. Executable program and documentation. AM8

Library Demo version of a shareware program that stores textual information without regard to structure or content, and allows complicated searching for specific patterns. Written in assembler for speed, binary only. Author: Bill Brownson FF134

Library HiRES BW picture of an traditional structure FF72

LibraryKiller A small utility that allows you to remove libraries that aren't used any more. Version 1.0, includes source in assembly. Author: Roger Fischlin FF383

LIBREF Utility for generating run-time library link library assembly files, lvo.asm, and the run-time library's vector list. Currently very Aztec in terms of what it generates. FF168 & 169

LIBS V1.00 List libraries / devices in ram or attempt to remove libraries. FF168 & 169

LibTool A utility that can quickly convert C or assembly code into an Amiga shared library. Also makes all support files including C and assembly include files, bmap files, Manx and Lattice programs, C glue stubs. Can also make a device. Binary only. Author: Jeff Glatt FF463, FF393

License License information on Workbench distribution. AM4

Life Another version of Tomas's Life game. Includes a torus option, an option to perform calculations with the processor rather than the blitter, and more. This is version 5.0 and is about 15% faster. Includes source. By: Tomas Rokicki FF316, FF306, FF131, FF31, AM9

Life-3D A 3D version of the classic cellular-automaton game. Shareware, author suggests \$20 donation. Version 1.2, binary only. Author: Bob Benedict FF70, AM18

LifeCycles Some sort of biorhythm type program. No docs included. V2.0, binary only. By: Michal Todorovic FF325

Light A version of the Tron light-cycle video game. AM15

Lighthouse A lighthouse in an IFF picture. AM6

Lila A shareware utility that allows you to print listings or other text files on Postscript printers, with header, page numbers, and multicolumn pages. Can print in portrait or landscape orientation. This is version 9004b, an update to version 8912a on disk 368, binary only. Author: Bertrand Gros FF414, FF368

Line A shell written to enhance the bare-bones CLI with features that many people find useful in the UNIX

Graphic Arts
Desktop Video
Word Processing
Desktop Publishing
Music
Education
Business & Home Productivity
Programming
Utilities
Entertainment
Miscellaneous Software
Drives
Memory Expansion
Accelerators
Video Hardware
Miscellaneous Hardware
Accessories & Services
Books & Tapes
CDTV
PDS Guide
AMICUS Index
Fred Fish Index
Vendor/Product Registration
AC Back Issue Index
User's Groups
Vendor Information
Product Index by Product
Product Index by Vendor
Category Index
Last Minute Additions

csh, including history, aliases, a directory stack, etc. Version 1.15, includes source. Author: John D. Aycock FF457

LineDrawer Makes a line drawing based on drawing commands stored in a text file with a demo that draws an outline map of the USA and state borders. V1.0, with source by John Olsen FF96

Lines A color line pattern generator, adapted from Mackie. Version 1.1, includes source. Author: Joel Swank FF304

Lines A line drawing demo program, reminiscent of the 'sparks' program on disk #9. Author: Paul Jatkowski FF41

LinesDemo A demo program which illustrates the use of proportional gadgets to scroll around in a superbitmap window. Posted to usenet by Barry Whitebook @ Commodore-Amiga MemExpansion Schematics and directions for building your own home brew 1 Mb memory expansion. By: Michael Fellingner FF27

LinkSound Two examples of functions that you can link with your own code to produce a short musical "beep" or a sound that is similar to striking a drum. Includes source. Author: Dieter Bruns FF323

Linstrom Some miscellaneous small programs from the Linstrom family. Includes some basic games, some programs based on algorithms from the Computer Recreation column in Scientific American (demon, turmites, mountain), and a fish tank simulator. Includes source. Author: Lloyd Linstrom and family FF251

List INSTR Program to list the instruments DMCS will not load as well as list the origins for any instrument. AM23

ListPlot A 2D plotting program built around the PLPLOT plotting library. Its principle advantage is that it supports a variety of graphics devices. By default, output is sent to a window on the Amiga's screen. Through command line options, the graph can be sent to any preferences printer with graphics capability, stored as an IFF file, stored in HPGL format, stored in Aegis Draw format, or stored as an Encapsulated Postscript File. A variety of line styles and colors are available. Includes source. Author: Frederick R. Bartram and Anthony M. Richardson FF391

ListScanner A nice little utility to display all the Exec lists. Somewhat like the Xplor utility from FF 73. Includes source in assembler. Author: Heiko Rath FF139

ListWindow Gives simple initialization, handling, and freeing of Macintosh-like list-windows. These are user-sizeable windows with a scrollable list of text strings, optionally sortable. The list can be scrolled with a scrollbar, up and down arrows, arrow keys, or a SHIFT+key combination which searches for the first occurrence of the specified key. Source and a sample program included. Author: Paul Thomas Miller FF368

Lit Lit filters a file to stdout, showing all characters in an unambiguous format. Printable characters are printed as is, non-printable characters are printed in any of three representation formats. Version 2.0, includes source. By: Donald Irving FF73

Little Smalltalk It is a port of Timothy Budd's Little Smalltalk system, done by Bill Kinnersley at Washington State University. I filtered all the text files in the sources, docs, and examples directories through a program to remove extraneous CR (^M) characters from the end of each line. This also makes the files conform to standard Amiga and UNIX line delimiter conventions. I hope this didn't break anything else in the process. I have added the file sources/Makefile to help people who want to recompile the sources. It uses my ccfrentend. I was able to compile and link an executable that was almost the same size as the one Bill provided (100 bytes smaller) using Manx 3.20B in 16-bit int mode, but it aborted immediately with an error message, so beware.-Fred. FF37

LJP A program to print text files on an HP LaserJet printer. Supports landscape or portrait modes, use of any built-in font, automatic downloading of soft fonts, extremely fast printing, one or two logical pages on a single paper, multiple styles of page headers, adjustable page length and width, user specified pitch and point of a font, selectable margins and tab spacing, multiple copies, optional line numbers, and more. Version 1.01, binary only. Author: Khalid Aldoseri FF418

LLSort Replacement for the AmigaDOS SORT command. Pure bit set and may be made resident. Features COLSTART and FIELDS parameters and sorts in either ascending/descending order. Also sorts with or without case sensitivity. Binary only. Author: Les Leist FF379

Lmv This shareware program, submitted by the author, is called 'Long Movie'. It loads up to 100 IFF graphics files and displays them in forward or reverse order, at up to 19 frames per second, to create computer animations for VCR recording. Binary only, source available from author. Author: Jim Webster FF73

LoadImage An IFFILBM reader that accepts overscanned pictures, allows you to scroll around in the bitmap if the picture is larger than the current display, works on both PAL and NTSC machines, supports color cycling using interrupt code, and supports printing of image portions. Version 1.11, update to version 1.9 on FF281, includes source. Author: Olaf Barthel FF355, FF281

LoadIt prog to load a file into memory until a reboot. (Only the most esoteric hackers will find LoadIt useful.) AM24

LoanCalc Entirely keyboard driven mortgage utility. Although similar programs exist, this one is unique in that it is designed to track 'Open' mortgages that allow any size payment to be made at any time as well as providing an amortization table for fixed mortgages with monthly, semi-monthly, bi-weekly and weekly payment schedules. Version 1.2, binary only. Author: Robert Bromley FF366

LockDevice A package to protect filing devices from being accidentally formatted. Can be used with any filing device and file system. Version 1.0, includes source. Author: Olaf Barthel FF371

LockMon Find file locks. Useful for discovering if programs properly clean up after themselves. Author: Dewi Williams FF19

Logic A small game that is somewhat reminiscent of 'life'. Version 2.0, includes source in assembly. Author: Thomas Jansen FF461

Logo A logo interpreter, with user interface like the Apple II logo. Shareware, author suggests \$5 donation. Author: Gerald Owens FF70, AM18

LollypopLady Famous Lady with lollypop picture which caused so many people to purchase the Amiga for its graphics. An IFF picture. AM7

LookFor A general 'find that file' utility which is handy for hard drives, multiple drives, and multilayered paths. Includes source. Author: Mark Schretlen FF274

Lotto Lotto is designed to replace your user group's old shoebox full of membership numbers and names and add some pizzazz to the process of drawing for doorprizes at club meetings. Includes source. Author: Mike Groshart FF262

Lotto Small lotto number selector with C source. Author: Timm Martin FF430

LowMem Another fine freely redistributable product from ASDG. This one is a low memory server, which is a compact shared library which allows arbitrary processes to register their desire to be notified of impending memory shortages. This allows good citizen programs to free up memory that they may not need, so other programs can use it. Binary only. By Perry Kivolowitz FF85

loz One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13

LPatch Patch for programs, such as 'Atom', with bad 1.0 Lstartup code, which abort during startup under 1.2 with 00038007 alert (can't open DOS library). Includes source. Author: Carolyn Scheppner FF61

LPE LaTeX Picture Editor is a graphical editor for producing 'pictures' for the LaTeX system, which may be imported by LaTeX. You can draw boxes, dashed boxes, lines, vectors, circles, boxes with centered text, and plain text. This is version 1.1, an update to version 1.0 on disk 243, and includes some new drawing tools, enhanced user interface features, optimized code, and some bug fixes. Binary only. Author: Joerg Geissler FF277, FF243

Ls Version 3.1 of the popular UNIX style directory lister. This is an update to version 2.0 from disk 178, and includes some bug fixes, support for multiple wildcard

pathnames, quicker sorting, a best-fit output, new output width and height options, and some other new features. Includes source. Author: Justin V. McCormick. FF236, FF178

Is Minimal Implementation of UNIX ls. Demonstrates use of UNIX style file name pattern matching code. Author: Rick Schaeffer FF10

LSlabel A simple label printing utility. Very powerful as the user can/must do a lot of settings by himself. Features include variable linefeeds (in 1/216 inch steps), a very exactly setting of the label length and freely configurable printer codes. Version 1.0, binary only. Author: Stefan Berendes. FF478

LVR Link Virus Remover. A program that recursively searches directories for link viruses in executable files. This is version 1.20, binary only. By: Pieter van Leuven FF331

Lz An lharc compatible archiver that is reported to be much faster than other available archivers and produce smaller archives. Version 1.01, shareware, binary only. Author: Jonathan Forbes FF465

M2Amiga Demo version of the final product M2Amiga. A fast single pass Modula-2 compiler with editor, linker, a small set of interface and standard libraries. Compiles only small demo programs by limiting codesize and imports. Further development of the ETHZ compiler on FF24. Binary only. Demos with source. By R. Degen, C. Nieder, M. Schaub, J. Straube (AMSoft) FF113

M2Error M2error can be used to display compile errors produced by the TDI Modula-2 compiler, like the m2error supplied by TDI. Includes source. Author: Richie Bielak FF79

M2Utils Various source modules for Benchmark Modula-2. Includes ColorReq, an interface to the Dissidents color.library; IFFLib, an interface to Christian Webers iff.library; and ARP, an interface to ARP V1.3. Author: Sascha Wildner FF439

M4 A UNIX M4 look-alike macro processor intended as a front end for Ratfor, Pascal, and other languages that do not have a built-in macro processing capability. Pd M4 reads standard input, the processed text is written on the standard output. By Ozan S. Yigit (oz) FF160

MacFont A conversion tool to convert Mac fonts to Amiga fonts. Binary only. Author: John O'Neill and Rico Mariani FF138

MachII A 'mouse accelerator' program that also includes hotkeys, the features of sun mouse, clicktofront, popcli, title bar clock with a bbs online charge accumulator, and more. This is version 2.6, an update to version 2.4c on FF163. Binary only. Author: Brian Moats FF254, FF163, FF130

MachIII A mouse accelerator program that also includes hotkeys, features of sun mouse, clicktofront, popcli, title bar clock with a bbs online charge accumulator, Arexx support and much more. Updates for Workbench 2.0 have been added along with many fixes and new features. This is version 3.1, an update to version 3.0 on disk 378. Binary only. Author: Brian Moats and Polyglot software FF471, FF378

Machine A neat new animation from Allen Hastings. Author: Allen Hastings FF109

Mackie A versatile cli/macro-key initiator based on POPCLI with a unique method of screen-blanking. I won't say more, just try it! This is version 1.4. Includes fixes to work with latest WShell and the new 'never' keyword. Includes source. Author: Tomas Rokicki FF305, FF267, FF189, FF187, FF161, FF130

macros.i Assembler include files. AM5

MacView Allows viewing of standard MacPaint picture files in either Amiga low resolution (320 x 200) or high resolution (640 x 400). Executable, sample pictures, and icons (version on disk 32 did not include pictures). Author: Scott Evernden FF35, FF32

MadBlanker A cute screen blanker that bounces a transparent rectangle around on the screen, like a theater spotlight, with configurable options which include size and whether or not you want the rectangle to change size. Version 2.0, includes source. Author: K. Mardam-Bey FF406

madlib A mad lib story generator in AmigaBASIC. AM11

Magnetic_Pages A software package that allows you to create and display a disk-based magazine. The magazine produced is of a similar format to that of a traditional paper magazine. You can combine text and graphics on a single page, branch to different sections by clicking on icons and play sound and music. Features a full intuition driven interface. Version 1.0, shareware, binary only. Author: Mark Gladding FF372

Mailchk A mail client for Dnet, which will inform you of any new mail and will give the choice of viewing, deleting, or printing a message. Version 2.01, includes source. Author: Stephane Laroche FF324

mailtalk A talking mailing list program in AmigaBASIC. AM11

Make A simple 'make' programming utility, C program in C source code and executable. AM2

Make Another version of make that seems to be more complete than many other PD makes. Author: Unknown, downloaded from the Software Distillery FF45

Make Public domain make from mod.sources, Volume 7, number 91. It has been cleaned up, Manx'ified, and some new features added, by Steve Walton. Includes source. Author: 'caret@fairlight.OZ' FF69

make Subset of 'UNIX' make command. Useful, but does not have many of the features of the full make, much less the newer 'augmented make' Author: Landon Dyer FF2

make2 Another make subset command. By Marc Mengel FF2

MakeIcon This program will make an icon (.info file) using image data from either another icon, or an IFF picture file. The image data is drawn on the screen so you can see exactly what your icon will look like. You can also go the other way, and make IFF files from icons, which can then be loaded into a standard IFF graphics editor. Version 1.1, binary only, source available from author. Author: Paul Blum FF255

Makemake Reads C source files and constructs a vanilla makefile in the current directory. Includes source. By Tim McGrathum FF74

Makewords PhoneWord takes a full or partial telephone number and attempts to create a word from the various alphanedigit combinations. Unjumble may be useful in solving the Sunday morning newspaper Scramble. Includes source. Author: Ron Charlton FF366

MallocTest A malloc/free test program that allocates and frees randomly sized pieces of memory with random lifetimes, and fills them with patterns that can be checked for corruption. Useful for beating on your vendor supplied memory management routines, or possibly as a poor man's memory test program. Includes source. Author: Neil Webber FF66

Man A program similar to the UNIX 'man' program. Displays information about a topic from manual pages. Does not include any database of topics, you have to supply your own. Version 1.2, includes source. Author: Garry Glendown FF241

Mandala A mandala graphic program with sound, sort of Eastern music. Binary only. Author: Unknown FF67

MandAnim A Mandelbrot Animation program that allows you to easily generate series of 10-res/16-color pictures. Features full mouse and/or keyboard operation, zooms, auto-save, high (+cheat) speed, iconization, preview, ease, etc. The generated pictures all remember their positions and settings so they can be reloaded. This is version 1.2, an update to version 1.1 on disk 387. Binary only. Author: Ekke Verheul. FF461, FF387

Mandel Another mandelbrot generator program, with bits and pieces of code from C. Heath and R.J. Mical. This is V1.3, an update to FF111. New features and improvements include an ARexx interface, coordinates in sight, more state info saved with a picture, batch files, programmable functions, and more plotting options. Includes source. Author: Olaf Seibert FF218, FF111

Mandel Mandelbrot set program, C code and executable. AM1

mandel One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13

MandelBlitz Very fast Mandelbrot plotter with lots of handy functions such as color cycling, zoom, special palette control, file requestors and more. Version 1.0, binary only Author: Nico François FF387

Mandelbrot A fast Mandelbrot rendering program that uses some of the mathematical properties of the Mandelbrot set to greatly reduce the drawing time. Demonstrates graphics programming, assembly language, menus and IFF file I/O. Standalone image with source code. Author: Nick Didkovsky FF239

Mandelbrot Latest and greatest mandelbrot program. Features include the ability to save images in 'IFF' format, for reading into Deluxe Paint or other programs that use IFF. Also includes code from GraphiCraft to handle color palette and change colors at will. Many additions by RJ Mical. Version 3.00 Author: Robert French FF31, , FF5, FF4

Mandelbrot Set Explorer This is a copy of Thomas Wilcox's Mandelbrot Set Explorer disk. To run from CLI: 1) cd dFX: (where X is drive containing disk)=2) mse. To run from Workbench: 1) Click on MSD icon. It contains extensive on-line help information, unlike other Mandelbrot programs distributed in this library. It also is capable of displaying some very pretty hi-res pictures in interlace mode. FF21

MandelBrots Some mandelbrot images submitted for the 'mandelbrot images contest' some months ago. Only three people submitted mandelbrots and these were among the most interesting. FF20

MandelMountains A program that renders three-dimensional images of blowups of the Mandelbrot set. Includes several example images. This is version 2.1, an update to version 2.0 on disk 354. The most significant enhancement for this version is that it is two to three times faster due to inclusion of a specially tuned fixed point arithmetic package. Shareware, binary only. Author: Mathias Ortmann FF383, FF354, FF295

MandelPAUG A version of MandFXP with complete online help, a fully implemented Mandelbrot and Julia set 'movie mode', and many improvements in the user interface. Version 2.1, binary only, source available. Author: Bruce Dawson, Steve Larocque, Jerry Hedden FF452

MandelVroom A Mandelbrot/Julia-curve generating program that features five numerical generators (integer, ffp, ieee, 020, and 020/881) in hand-crafted assembly for maximum speed, online mouse selectable help for all functions, generation of multiple pictures simultaneously, a sophisticated user interface with shaded gadgets, etc. Some of the other features include zoom, magnify, color-cycling, contouring, auto-contouring, histogram, statistics, presets, extra-halfbrite support, overscan, orbits, pan mode, and more. Requires 1Mb or more of memory. This is V2.0, an update to FF78. Source is available on FF214. A compiled binary, along with help files and example images, can be found on FF215. by: Kevin Clague FF215 & 214, FF78

mandlebrot One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

mandrill A gorilla in an IFF picture. AM6

MarbleMadness.pic A screen from Marble Madness. AM6

MarbleSlide The aim of this game is to build a slide on a 10 x 11 board of pieces that move around, allowing the marble to reach the goal piece. You play against time. Also includes a board editor to build custom boards. Binary only. By: Peter Handel FF283

Marge A simple CLI utility to add a specified number of spaces or tabs to the left side of every line in a file. Includes source. Author: Joel Swank FF177

Marilyn HiRES BW collection of Ms. Monroe FF72

marimba Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Marketroid Marketroid is Leo's entry for the Badge Killer Demo Contest. It is another devious sprite oriented demo with lots of 'in' jokes. 512K required. Includes source. By: Leo Schwab FF115

Martian The Bugs Bunny Martian in an IFF picture. AM6

Mat A comprehensive String-Search/Pattern-Match Utility for both text files and directories. A powerful command line syntax allows automatic file editing, construction of command scripts, and so on. Example Shell scripts are included. Binary only (a much enhanced version of the original on Disk #102). Author: Pete Goodeve. FF374

Match-stuff Heavy duty text pattern matching stuff. The pattern syntax is an extension of standard AmigaDOS filename matching. Also includes some simply matched text replacement capability. Includes source. Author: Pete Goodeve FF102

mathffp.bmap one of the necessary links between AmigaBASIC and the system libraries. AM8

mathieeedoubas.bmap one of the necessary links between AmigaBASIC and the system libraries. AM8

mathieeesingbas.bmap one of the necessary links between AmigaBASIC and the system libraries. AM8

Mathtrans A very small library which replaces the mathtrans.library distributed by Commodore-Amiga, for those who own an MC68881/82 floating point unit. Calculation speed of some functions is increased up to 15 times. Version 1.1, includes source. Author: Heiner Huckstadt FF319

mathtrans.bmap one of the necessary links between AmigaBASIC and the system libraries. AM8

Matlab A FORTRAN package (MATrix LABoratory) developed by Argonne National Laboratories for inhouse use. It provides comprehensive vector and tensor operations in a package which may be programmed either through a macro language or through execution of script files. Supported functions include sin, cos, tan, arcfuntions, upper triangular, lower triangular, determinants, matrix multiplication, identity, hilbert matrices, eigenvalues, eigenvectors, matrix roots, matrix products, inversion, and more. Amiga specific features include workbench startup, polar plots, contour plots, enhanced plot buffer control, and algorithmic plot display generation. Includes source in FORTRAN. Author: Cleve Moler, Jim Locker FF267

Matrix Solves systems of linear equations. Includes both PAL and NTSC versions. Version 1.00, includes source. Author: Rudiger Dreier FF376

Maze A couple of very nice demos for the creation and use of single-solution mazes, one of which is practically a stand-alone game. Includes source. Author: Werner Gunther FF171

Maze An example of a fully re-entrant maze generation program written in assembly language using Manx's assembler. Includes source. Author: Michael Sinz FF248, FF218

MC68010 Complete information package for upgrading an Amiga to use an MC68010 in place of the MC68000. Includes a software fix that makes this transparent to user programs that use instructions that are privileged on the 68010 By Thad Floryan FF18

mCAD An object-oriented drawing program, version 1.2.2. Uses a small set of graphics primitives (like 'line', 'box', and 'text') and a small set of editing functions (like 'move', 'size', and 'rotate'). While drawing and editing, the user can call on other functions to modify the display; to zoom in, slide around, superimpose a grid, etc. This shareware program was submitted by the author. Many improvements over the version released on FF56. Binary only. Author: Tim Mooney FF59, FF56

meadows3D A 3D graphics program, from an ACM article, in AmigaBASIC. AM11

Mean18 Two Mean 18 custom golf courses by Joel Swank FF304

MechFight A role playing game where you explore a world, buy or find items, and fight against robots and aliens. During the game you are asked to perform certain tasks. This is version 1.0, binary only. Author: Florian Marquardt FF410

MED A music editor much like SoundTracker. A song consists of up to 50 blocks of music, which can be played in any order. Editing features include cut/paste/copy tracks or blocks, changing the vibrato, tempo, crescendo, and note volume. Other features include switching of the low-pass-filter on or off on a per song basis, and a cute little animated pointer of a

Graphic Arts
Desktop Video
Word Processing
Desktop Publishing
Music
Education
Business & Home Productivity
Programming
Utilities
Entertainment
Miscellaneous Software
Drives
Memory Expansion
Accelerators
Video Hardware
Miscellaneous Hardware
Accessories & Services
Books & Tapes
CDTV
PDS Guide
AMICUS Index
Fred Fish Index
Vendor/Product Registration
AC Back Issue Index
User's Groups
Vendor Information
Product Index by Product
Product Index by Vendor
Category Index
Last Minute Additions

guy doing jumping jacks in time to the music! Improvements include AmigaDos 2.0 compatibility. This is version 3.00, an update to version 2.13 on disk 424. Binary only. Author: Teijo Kinnunen FF476, FF424, FF349

Med Yet another Amiga text editor. This one lets you edit up to 36 files simultaneously and makes extensive use of the mouse. This is version 2.1, binary only. Author: Francois Rouaix FF60

MED-Songs A selection of musical pieces created with MED, the musical editor program (see disk 476 for MED 3.00). Includes MEDPlayer version 3.0. Author: Hans-H. Adam FF478

MegaBall This is a new version of the game Ball by the same author. It is a Breakout type game, and is very good. Complete with impressive sound. This one's adding. Binary only. Author: Ed Mackey FF477

MegaD Yet another disk utility program for the Amiga. This one allows an unlimited number of directories to be accessed simultaneously. Version 1.01, shareware, binary only. Author: John L. Jones FF440

MegaWB A program that makes it possible to make your WorkBench screen as large as you like. Version 1.2, Source in Modula-II. By: Fridtjof Siebert FF253

Melt Another display hack from the master himself... Includes source. Author: Leo Schwab FF66

MEmacs Another Emacs, more oriented to word processing. In C source code and executable program, and documentation provided. AM9

MemBoardTest Originally designed for production testing of A1000 memory boards. Very nice intuition interface. Version 2.4, Includes source in Modula. Author: George Vokalek FF158

MemClear Walks through the free memory lists, zeroing free memory along the way, and coalescing memchunks that have contiguous address spaces. With source. by John Hodgson FF58

MemDiag Memory diagnostic program to identify addresses which produce memory errors, and a memory quarantine program which removes such defective addresses from the system's free memory list, until the hardware errors can be corrected. Version 1.1, includes source. by: Fabbian Dufoe FF214

MeMeter A small utility for monitoring the Amiga's memory usage. Unique snapshot facility allows you to store the current numbers, launch a program, see how much memory it requires, end the program, and see if it returns all the memory. Version 2.1, binary only. Author: Gaylan Wallis FF366

MemFlick Treats all the memory in your Amiga as if it was part of a bitplane inside a graphics display. Provides sort of a graphical picture of your memory usage. Binary. By Jim Webster FF206

MemFrag Displays number of memory chunks/sizes to show memory fragmentation. Chunks are displayed as 2**N bytes which is a rough guide but still useful. This is an enhanced version of 'Frag's' from disk 69. Includes source. By: Mike Meyer, enhancements by Gary Duncan FF345

MemGauge A tool to display the current memory usage, very much like the usage bar Workbench displays in root directories. V1.4, includes source. Author: Olaf 'Olsen' Barthel FF222

MemGuard A program similar to MemWatch, which continually checks the low memory vector table for random trashing. Has been optimized and greatly enhanced to support the 68010, 68020, 68030, etc. microprocessors. Unlike MemWatch, MemGuard does not run as task in a dummy loop but rather as a low level interrupt routine which is capable of trapping memory trashing even before exec might know of it, and even while task switching is forbidden. Version IV, an update to version IIIa on disk 354, binary only. Author: Ralf Thanner FF436, FF354, FF325

MemLib A link library of routines to aid in debugging memory problems. Works with Lattice C 5.0 and possibly with earlier versions. It's features include trashing all allocated memory, trashing all freed memory, keeping track of freed memory with notification if it is written to, notification of memory freed twice or not at all, notification of overrunning or underrunning allocated memory,

generation of low memory conditions for testing purposes, and identification of violations of memory use by filename and line number of the allocating routine. Includes source. Author: John Toebes and Doug Walker FF240

MemLook Gives a graphical view of your machine's entire memory area. Features memory gauge and controllable scrolling speed via the cursor keys. Version 2.0, an update to version 1.1B on disk 364. Includes source in assembly. Author: Thomas Jansen FF417, FF364

MemMometer A program that opens a narrow window and graphically displays your memory usage like a gauge. Based on WFrags, by Tomas Rokicki. Version 2.10, includes source. Author: Howard Hull FF350

MemMon A small memory monitor. Version II, shareware, includes source in Modula II. Author: Andreas Gunser FF455

MemoPad A shareware intuition-based memo reminder program. Nicely done. Update to version on FF 146, version 1.2, binary only. Author: Michael Griebing FF160, FF146

Memory Squares: Test your memory with this AmigaBASIC game. Author: Mike Morrison AC5

MemoryClock A clock program that shows the amount of free fast ram, free chip ram, as well as the time and date. Includes source in assembly code. By Roger Fischlin FF188

MemRoutines Some plug-compatible replacements for the Lattice C functions memcopy(), memcmp(), and memset(). Unlike the Lattice functions that deal with data one-byte at a time, these versions deal with longword chunks, which can improve performance of Amigas equipped with a 68020 or 68030. Includes source in assembly. Author: Robert Broughton FF362

MemTrace Routines to help debug memory allocation and freeing during program development. Will complain if you try to free memory you didn't allocate and will report on memory not freed when your program finishes. Author: Jojo Wesener FF163

MemView Program which sets up a direct window into RAM, thus dynamically displaying the contents of memory. Author: Leo Schwab FF33

MemWatch Memwatch is a program intended to sit in the background and watch for random trashing of low memory by an application under development. If it detects a write to low memory, it repairs it to what used to be there, then puts up a requester indicating what damage had been done. Very useful! Version II, includes source. Author: John Toebes FF87, FF48

Menu A fast-access menu system configurable via a script file that allows the user run selected programs. Version 2.0, binary only. Author: Stefan Mörnhaag FF387

menu One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13, AM1

MenuBuilder A program which automates the process of building menus. It takes a simple text file and generates a C source file with all the needed structures for linking with the rest of your program. This is version 1.0, and includes source. Author: A. Preston FF65, AC7

MenuC A menu and gadget compiler. Takes a simple ascii file describing menus and gadgets and creates the appropriate IntuiText structures needed to actually create working menus and gadgets, in either C or assembly source. This is version 0.8, binary only. Author: Bruce Mackey FF438

menudemo A demo of Intuition menus called 'menudemo', in C source. C program. AM5

menuEd A menu editor that produces C code for menus. Executable program and documentation. AM12

MenuEd: A menu editor that allows you to easily create menus. The program then generates C code that you can use in your own programs. Author David Pehrson AC1

MenuEditor Create and edit menus, saving the result as either a binary file for further editing or as C source for inclusion in a program. Author: David Pehrson Author's suggested shareware donation: \$15 FF30

Menus Learn about Intuition menus, a John Draper Amiga Tutorial. AM2

MenuWriter Allows you to write a menu to the bootblock to a disk. Allows up to 30 entries of 39 characters long, with commands up to 31 characters long. The loader also allows batch files to be executed. Includes a built in virus detector. Version 3.1, binary only, source available from author. Author: Peter Stuer FF420

MergeMem Program which attempts to merge the MemList entries of sequentially configured RAM boards. When successful allows allocating a section of memory which spans board boundaries. Version 2. Author: Carolyn Scheppner FF95, FF56

Metro In METRO, you play the role of a city planner. Using limited funds, you must construct a mass-transit subway system capable of meeting the needs of your city. Build wisely and your system will be a success, but poor planning will lead to disaster and financial ruin. Shareware, binary only, source available from author. Author: Mark A. Thomas and David P. Townsend FF426

MFF-Demo Demo copy of the MicroFiche Filer program from Software Visions Inc. The MicroFiche File is a full-powered database program for manipulation of text, numbers, and pictures. It uses the microfiche metaphor for dealing with your data graphically. This is a full production version except that the save option has been disabled. Includes a sample database of my disk library. Binary only. Author: Gary Samad FF89

MFF-Update A text import utility for MicroFiche Filer (demo version released on disk 89) and updates to some PD disk library databases. Binary only. Author: Gary Samad FF103

MFix A small program to insert in the startup-sequence of the commercial program, Marauder II, from Discovery Software, International. Whenever the copy process is started, the rainbow screen is covered by a bare screen until the copy is finished. The author claims a 25% decrease in copy time is achieved. Version 1.0, binary only. Author: Stephen Gunn FF172

MForgeRev Text of a user's view of MicroForge hard drive. AM8

MG Beta version of mg3, including ARexx support. This is probably the most stable beta for the next year, as many new features are going in after this. Amiga-only release. Sources compressed with lharc to fit on the disk. Update to mg2b on disk 147. Author: Mike Meyer, et al. FF352

Mg1b A version of Mg1b with an ARexx port and other improvements by Tomas Rokicki. Finally you can define macros and bind them to function keys in your startup file! Includes source. Author: Various; enhancements by Tomas Rokicki FF131

MicroEMACS Version 3.10 of Daniel Lawrence's variant of Dave Conroy's microemac. This is an update to the version released on disk 119. New features include multiple marks, more function key support, a better crypt algorithm, and end-of-word command, a command line switch for setting environment variables, new hooks for macros, a command to strip trailing whitespace, internationalization features like foreign language message support, horizontal window scrolling, much faster search algorithm, Amiga intuition support, and more. Includes source and extensive online documentation. Author: Dave Conroy, MANY enhancements by Daniel Lawrence FF195, FF147, FF119, FF93, FF61, FF6, FF2

MicroEmacs This disk contains a significantly enhanced version of MicroEmacs based on the version 30 release posted to usenet's mod.sources news group. Previous versions of microEmacs released on these disks derived from a very old version of microEmacs. The author has cleaned up lots of loose ends and restructured major parts of the code. Other people have added support for termcap, ports to other machines and operating systems, and a limited GNU emacs compatibility option. Because recipients of this disk might wish to run this new microEmacs on other machines in addition to the Amiga, I have included all sources that were available to me at the time of release. The sub directories which give alternate implementations are: Sys/Vms System modules for VAX VMS Sys/Atari System modules for Atari ST Sys/MS-DOS System modules for MS-DOS Sys/Cpm86 System modules for Cpm Sys/Amiga System modules for Amiga Sys/Ultrix System modules for Ultrix/BSD4.2 Sys/SysV System modules for UNIX System V Tty/Atari Terminal driver for Atari ST Tty/7300 Terminal driver for AT&T

UNIXPC (7300) Tty/Intuition Terminal driver for Amiga using Intuition Tty/Termcap Terminal driver using termcap for UNIX Tty/Ansi Terminal driver using ANSI codes Tty/AmigaDOS Terminal driver for Amiga using just AmigaDOS Tty/Heath Terminal driver for a Heath terminal. Please send any enhancements to rethcladaveb, or to me and I will see that he gets them.- Fred FF23

MicroGNUMac MicroGNUMac(MG 2b) contains many additions and enhancements since the original works by Dave Conroy (credit belongs to all contributors and Beta testers. Note: Amiga specific source code files and the document files have been archived. An executable copy of the PDS archive program 'Zoo' is in the 'c' directory FF147, FF101, FF68, FF6

MicroSPELL MicroSPELL is a standalone spelling checker which scans text files and reports on misspelled words. It has a 1000 word 'common word' list, a 43,000 word main dictionary, and supports multiple user dictionaries. Also interfaces quite nicely with MicroEMACS 3.9, with an emacs macro to step through the source file, stopping at each suspect word and allowing the user to dispose of it in different ways. Version 1.0, includes source. Author: Daniel Lawrence FF101

MicroTerm A very small, very simple, almost brain-dead terminal program. Primarily useful as an example of how to talk to the console and serial devices. Version 0.1, includes source. Author: Stephen Vermeulen. FF326

MIDI A midi library and utilities set. This looks like a very complete package, though I have no way of testing anything since I have no MIDI hardware. The MIDI utilities include a MIDI monitor to display incoming MIDI messages to the console, a routing utility, a MIDI library status utility, and more. Also includes source. Author: Bill Barton FF101

MIDI Make your own MIDI instrument interface with documentation and a hi-res schematic picture. AM13

MIDI Out: A MIDI program that you can expand upon. Written in C. Author: Br. Seraphim Winslow AC3

MidiLib A disk based library that permits sharing of the serial port by MIDI applications through a MIDI message routing and processing system. The midi utilities include a midi monitor to display incoming midi messages to the console, a routing utility, a midi library status utility, and more. V2.0, an update to FF101, and includes significant speed enhancements, new utilities to play with MIDI files, and updated utilities, documentation and examples. Binary only (source for examples and bindings however). Author: Bill Barton FF227

MIDIsoft Transfer sound samples between the Amiga and a Roland S-220. V1.0, binary only. By Dieter Bruns FF199

MIDITools A group of several different utility programs for those who run a MIDI system. Binary only. Author: Jack Deckard FF159

MidiTools Simple programs to play and record through the MIDI I/F. Untested (I have no MIDI hardware). By Fred Cassiner FF54

MigaMind A small WorkBench Master-Mind type game. Includes source. Author: Ekke Verheul FF363

MigaSol A game of solitaire. AM15

MileStone Another game in ABasiC by the author of Monopoly. Author: David Addison FF28

Mind A design for artificial intelligence (AI) based upon linguistics. The included animation shows how one node on a syntax tree flushes out the currently active concept in a mind contemplating a scene of the external world through the eye. Includes five documents describing the theory behind the animation. Author: Arthur Murray FF411

mindwalker Text clues to playing the game well. AM12

MiniBlast A shoot'em up game which runs just fine in a multi-tasking environment. At last you can enjoy a satisfying megablast while you are writing a boring essay. Shoot anything that moves, and if it doesn't move, shoot it anyway. V1.00, binary only. By: Anders Bjern FF336

minipaint One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13

MinRexx A simple ARexx interface which can be easily patched into almost any program. Includes as an example the freedraw program from disk number 1. This is version 0.4, an update to the version on disk 188. Includes source. Author: Tomas Rokicki FF450, FF188

MirrorWars A new game featuring sound, title music, and two player mode. Fight your opponent via laser rays, but beware of the mirrors reflecting your shots. Binary. By Oliver Wagner FF235

Mischief This little program is in the long tradition of 'display hacks'. It uses the input device to perform various acts of mischief. Includes source. Author: Olaf 'Olsen' Barthel FF222

MiscUtils Some small sound and screen hacks. Includes source in C. Author: Jorrit Tyberghein FF302

Missile A nice 'missile defense' game. Written 100% in assembler (source available from author) and is very fast! Author: Glen Merriman FF50, AM16

MissileCmd A fast Missile Command game written in assembly. Features include using a hires interlaced screen, time based events for correct operation on any speed Amiga, multitasking friendly, and sound effects. This is version 2, an update to the version on disk 444, with bug fixes and enhancements. Binary only. Author: Max Bithead FF473, FF444

Mkid A program identifier database package that provides a logical extension to 'ctags'. The ID facility stores the locations for all uses of identifiers, preprocessor names, and numbers (in decimal, octal, or hex). Includes source. Author: Greg McGary, Amiga port by Randell Jesup FF448

Mklib Another example of building a shared library that evolved from 'Elib' FF87. Also included is a library, Edlib, which contains several functions not included in the Manx standard libraries. Includes source. By Edwin Hoogerbeets with C-functions from several different authors FF183

Mlist Mailing list database. AM25

MM Implementation of the game Mastermind. You must try to guess a color combination which the amiga sets via a random generator. There are 6 colors which can be set in any combination. With source. By Dietmar Jansen FF327

MMB With MMB, users of 3 button mice under WB 2.0 can use the middle mouse button as a shift key to do multiple selects. Binary only. Author: Garry Glendown FF436

ModemPins Text description of the serial port pinout. AM1

Modula-2 A pre-release version of the single pass Modula-2 compiler originally developed for Macintosh at ETHZ. This code was transmitted to the Amiga and is executed on the Amiga using a special loader. FF24

Modula-2 Trails a moving-worm graphics demo in Modula-2. AM11

ModulaDefs Implementation and Definition modules for the Amiga's Graphics, Intuition, and Math libraries, to be used with the Modula 2 compiler from disk 24. Includes a source example of using the modules. Author: Jonas Green FF418

ModulaTools Various useful routines for those programming in Modula on the Amiga. Update to version on FF 94, includes source. Author: Jerry Mack FF138, FF94

moire Draws moire patterns in black and white in a borderless backdrop window. Currently only runs with Lattice C version 3.02, when compiled with 3.03 crashes the system. Author: Scott Ballantyne FF9, AM1

MoleWt MoleWt is a molecular weight calculator. The program accepts a chemical formula and returns the molecular weight. This is version 1.01, binary only. Author: John Kennan FF471

Mon A machine code monitor/debugger program for the Amiga which is re-entrant and can be made resident. This is version 1.24, binary only. Author: Timo Rossi FF310

Money Try to grab all the bags of money that you can. AM15

MonIDCMP MonIDCMP lets you monitor the IntuiMessages that pass through an IDCMP window. It prints the message class, mouse coordinates, qualifier values, and other useful information when appropriate. Great for debugging applications and for snooping around in the inner workings of other programs. Includes source. Author: Davide Cervone FF108

MoniDie A cute little screen hack. Be sure to turn up the sound. Binary only, source available from author. Author: David Donley FF408

Monolace CLI program resets Preferences to several colors of monochrome & interlace screens. C source is included, works with DisplayPref, a CLI program which displays the current Preferences settings. AM24

Monopoly A simulation of the Parker Brother's board game MONOPOLY. Binary only, source available from author. Author: Ed Musgrove FF251, FF15

MonProc An enhanced version of the process packet monitoring program from FF69. Includes source. Author: Phillip Lindsay, enhancements by Davide Cervone FF79, FF69

Moonbase You must guide a lunar lander to ferry cargo from an orbiting space station to bases on the surface of the moon. You get cargo and fuel for the lander by docking with the space station. The goal is to complete all the assigned cargo deliveries, and to destroy as few landers as possible in doing so. Binary only. Author: Jim Barber FF312

Moose Random background program, a small window opens with a moose resembling Bullwinkle saying witty phrases user definable. AM24

More Ports For Your Amiga: Files to accompany article. Author: Jeff Lavin AC13

More Requestors: Using system calls in AmigaBASIC to build requestors. Author: John Wiederhirn AC6

MoreArt A small selection of some additional Amiga artwork submitted to me since the last 'art' disk. Authors: Dana Dominiak and Larry Zasitko FF106

MoreColors A way to get more colors on the screen at once using aliasing. ABasiC program AM1

MoreIsBetter These two hacks make MORE more useful. One is called V; it's a small 'pure' CLI command that acts as a front end for More, causing it to create its own window. Make V and More both resident! The other is Fenestrate, which surgically alters the CON: window spec inside More enabling it to use ConMan features to create a borderless window on the topmost screen (very useful with CLImax) etc. With source. By Paul Kienitz FF224

MoreRows A program to make the workbench screen larger than normal. The number of additional rows and columns are set via command line arguments. By Neil Katinand Jim Mackraz FF54

Moria A single player dungeon simulation. The object of the game is to defeat the Balrog, which lurks in the deepest levels of the dungeon. You begin at the town level above the dungeon, where you may acquire supplies, weapons, armor, and magical devices by bartering with various shop owners, before descending into the dungeon to do battle. Amiga enhancements include pull down menus, graphics mode, pickup mode, a continuous move mode, a real time mode, a message wait time mode, as well as other modifications to improve overall playability and to take advantage of the unique features of the Amiga. V3.0, binary only, requires at least 1Mb of memory. Author: Robert Alan Koenke and others. Amiga version by Richard Henderson & others. FF194

Morri Morri in LoRes FF72

MortCalc Yet another loan calculator, but this one was written with accuracy in mind. The monthly payments times the number of months should balance the total principal plus interest, to the cent. Version 2.5, freeware, source included. Author: Michel Laliberte FF385

Mosaic Mosaic is a game played with a set of 81 two-by-two tiles on a 24-by-24 playing area. The objective of the game is to place your tiles such that squares of the same pattern are connected as much as possible. Version 1.0, includes source. Author: Kirk Johnson and Loren J. Rittle FF466

Graphic Arts
Desktop Video
Word Processing
Desktop Publishing
Music
Education
Business & Home Productivity
Programming
Utilities
Entertainment
Miscellaneous Software
Drives
Memory Expansion
Accelerators
Video Hardware
Miscellaneous Hardware
Accessories & Services
Books & Tapes
CDTV
PDS Guide
AMICUS Index
Fred Fish Index
Vendor/Product Registration
AC Back Issue Index
User's Groups
Vendor Information
Product Index by Product
Product Index by Vendor
Category Index
Last Minute Additions

Most: Text file reader that will display one or more files. The program will automatically format the text for you. Author: Russell Wallace AC5

MostCurrent Two programs that are to be used with B. Lennart Olsson's Aquarium program. The first program creates a new button called Most Current. The second program updates the index file so that the Most Current button is set for all entries that are the most current versions of their set. Version 1.0, includes source in C. Author: Peter A. Phelps FF417

Mostra Mostra is a shareware IFF utility featuring real-time unpacking scroll, dozens of options, smart analysis of any IFF file (FORMs, LISTs,... also nested ILBM!), total control over display modes, simple slideshow processing, pattern matching, SHAM, an external link to show Dynamic Mode pictures, double buffering, fast decompression, color cycling, TeXdocs, startup files for easy custom configurations and complete WB support, through ToolTypes and Style icons! This is version 1.14, an update to version 1.0 on disk 330. Binary only. Author: Sebastiano Vigna FF476, FF330

mostriper One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

Mount Mandelbrot A 3D view of a Mandelbrot set. AM12

Mounted A little program to run from CLI scripts to find out if a disk is mounted or not. Includes source. By Peter DaSilva FF79

Mouse Gadgets: Faster BASIC mouse input. Author: Michael Fahrion AC9

mouse One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

mouse pointers Amicus 26 contains a group of mouse pointers and the Workbench program to display them. AM26

mouse Shows how to set up the gameport device as a mouse so that hooking up the mouse to the right port gives access to mouse information. Author: Rob Peck FF5

MouseBounce A short hack/game that makes your mouse pointer bounce around the screen. The object is to close the MouseBounce window and exit the game. Each time you click the mouse button, the pointer speeds up. With source. By Jonathan Potter FF204

MouseClock A clock and free memory display utility that generates a small display tied to your mouse, using two hardware sprites as the display area. Version 1.2, includes source. Author: Olaf Barthel FF279, FF69

MouseCoords A small assembly utility which shows you the current position of the mouse pointer. Can be 'jumped' to operate on any screen. With source in assembly. By Jonathan Potter FF287

MouseOff Enhanced and smaller version of MouseOff released on FF73. MouseOff will cause the mouse pointer to disappear and then reappear if mouse movement is detected. Includes source. Author: Denny Jenkins, reworked by Tom Smythe FF75, FF73

MouseReader Shareware program, submitted by the author, to read text files and view IFF files using only the mouse. Binary only. Author: William Betz FF97

mousetrack A mouse tracking example in hires mode in AmigaBASIC. AM11

MouseUtil Intuition based program to allow you to change your mouse speed without having to go through preferences. V1.1, includes assembly source. By Luciano Bertato FF184

mousport.c Test mouse port. C program. AM4

MovePointer Moves the pointer to any specified location on the screen, specified by X-Y coordinates. With source. By 'Cewy' FF87

MoveSYS Reassigns SYS:, C:, S:, L:, LIBS:, DEVS:, and FONTS: to a new disk or directory in one step. Can be used from CLI or Workbench; just click it and shift-double-click a disk or drawer icon. More flexible and

robust than some other programs written for the same purpose. It's small and pure. Second release (the one on disk 224 worked from CLI only). Includes source. Author: Paul Kienitz. FF429

MoveWindow Move a named window to any arbitrary X-Y coordinate and possibly resize it at the same time. Includes source. Author: 'Cewy' FF87

MovieGuys.pic A still from an old movie in an IFF picture. AM6

Movies A RAM animation system with three different example animations; Kahnankas, Rocker, and F-15. Kahnankas won a close second in the Badge Killer Demo Contest. Both Kahnankas and Rocker run on a 512K Amiga and show off overscan HAM mode. Includes an animation player program (movie), animation builder programs (dibm, pilbm), and a text/graphics display program (vilbm). Authors: Eric Graham and Ken Offer FF116

MP A small, useful utility for sending any MIDI data back and forth between an Amiga and a MIDI instrument. Helpful for learning about MIDI, writing/debugging MIDI software, figuring out your instrument's system-exclusive implementation, and more. Very versatile. Version 1.0, includes source. Author: Daniel J. Barrett FF478

MRARFFFile Extended ARP file support package that adds an orthogonal set of routines which support generalized I/O with resource tracking while using the ARP library. Includes source. Author: Mark Rinfret FF281

MRBackUp A hard disk backup utility that does a file by file copy to standard AmigaDOS floppy disks. Includes an intuition interface and file compression. Version 5.02a, an update to version 3.4 on disk 327. Shareware, binary only. Author: Mark Rinfret FF465, FF327, FF279, FF270, FF170, FF129, FF128

MRMan A package which contains an Amiga document reading system similar to the 'man' command on UNIX systems. It offers a high degree of flexibility in the naming and placement of document files on your system. This is version 1.0 and includes source. Author: Mark Rinfret FF281

MRPrint A detabbing print utility that sends text files to either the printer device or the standard output. Besides expanding tabs, it will also generate page headers, line numbers, and new margins. Version 3.4, includes source. By: Mark Rinfret FF279, FF167

ms2smus converts Music Studio files to IFF standard 'SMUS' format. AM16

MSDOS A program to list files written in standard MS-DOS or Atari ST format. The files can then be copied to RAM and rewritten to disk in Amiga-DOS format. Binary only, Shareware, Version 0.1. Author: Frank W. lbeling FF158

Msh An Amiga file system handler that handles MS-DOS formatted diskettes. Version '1.30' (Release 1 patch 3). You can use files on such disks in almost exactly the same way as you use files on native AmigaDOS disks. This is a fully functional, read/write version, that supports 8, 9, or 10 sector disks of 80 tracks, and should also work on 40 track drives and hard disks with 12 or 16 bit FAT of any dimension the FAT allows. Update to version '1.5' (Release 1) on disk 327. Includes source. Author: Olaf Seibert FF382, FF327

MSizer A program that allows you to resize a window from any corner when holding down the left mouse button and the left Amiga key. Includes source. Author: Khaled Mardam-Bey FF285

MT420d Printer driver for the Mannesmann Tally MT420d. Update to the old version on disk 164. Includes a few bug-fixes. Author: Sascha Wildner FF436

MTV The Dire Straits moving company in an IFF picture. AM6

MuchMore Another program like more, less, pg, etc. This one uses its own screen to show the text using a slow scroll. Includes built-in help, commands to search for text, and commands to print the text. Works with PAL or NTSC, in normal or overscan modes. Supports 4 color text in bold, italic, underlined, or inverse fonts. Version 2.7, this is an update to version 2.5 from FF253. Includes source in Oberon and assembly code. Author: Fridtjof Siebert FF378, FF253, FF234

MuchMorePoPa Extended version of MuchMore V2.7. Displays texts that have been packed with PowerPacker. Version 2.7, includes source in Oberon and assembly code. Author: Fridtjof Siebert FF378

mult Mult reads the input comparing adjacent lines. In the normal case, the second and succeeding copies of repeated lines are output, and the remainder of the lines are removed. Repeated lines must be adjacent in order to be found. Options are present to output the first of multiple lines, for comparing adjacent lines by field only, and for specifying the field separator character. Kind of the opposite of the UNIX 'uniq' program. Author: Dennis FF6

Multi-Forth: Implementing the ARP library from Forth. Author: Lonnie A. Watson AC6

Multic Formats a single column of input into multiple side by side columns. Includes source. Author: Joel Swank FF304

MultiCalc Yet another RPN type graphic calculator. This one generates answers with extreme precision (if 3000 digits is enough!) Features a 48-digit scrollable display, mouse driven with lots of keyboard shortcuts, and iconification during non-use. Binary only. Author: Kenneth Johnson FF166

Multidef A program to scan a collection of object and library files and identify multiply defined symbols. This is useful to locate subtle problems where user defined symbols override library symbols. Author: Paul Jatkowski FF49

Multidim Lets you rotate a 2 to 6 dimensional 'cube' on the screen using the joystick. Author: Robert French FF18

Multiplot An intuitive data plotting program featuring flexible input options, arbitrary text addition, automatic scaling, zoom and slide with clipping at boundaries, a range of output file formats and publication quality printed output. Workbench printers are supported via transparent use of the PLT: device. This is version XLNd, an update to version XLNc on disk 373. Includes bug fixes, many new features, postscript and HP LaserJet III support, logarithmic axes. Author: Alan Baxter, Tim Mooney, Rich Champeaux, Jim Miller FF467, FF373, FF333, FF292

MultiSelect A small program that makes it possible to select several icons on the workbench without having to press the Shift key. V 1.0, with source in Modula-II. By Fridtjof Siebert FF253

MultiSort: Sorting and intertask communication in Modula-2. Author: Steve Faiwizewski AC2

MultiTasking Tutorial and example program for multitasking at the Exec level. Author: Leo L. Schwab FF20

Multitasking in Fortran: All the hard work is done here so you can multitask in Fortran. Author: Jim Locker AC6

MunchingSq Leo's 'Munching Squares' hack, now upgraded to take a single argument for a seed value. With source. By Leo Schwab FF87

Muncho A cute little program which plays a digitized sound sample when you insert or remove a disk from your drive. If you don't like the sounds, you can replace them with your own. Binary only. Author: Andrew Werth FF137

Music A collection of 14 Classical pieces. AM23

Music Titler: Generates a titler display to accompany the audio on a VCR recording. Author: Brian Zupke AC8

MusicCraft2SMUS Amiga Music Player AM23

MusicStudio2SMUS Amiga Music Player AM23

Mv A Unix style mv/cp/rm program that moves, copies, or removes files. Includes interactive mode, recursive mode, and force quiet mode. Copies file permissions, dates, and comments, supports arp style wildcards, supports moves across volumes, honors the delete bit. V 1.1, with source. By Edwin Hoogerbeets FF219

MVP-FORTH Mountain View Press Forth, Version 1.00.03A. A shareware version of forth from Fantasia Systems. Runnable from the workbench, comes with icons and such. If you use this, please send a contribution to Fantasia Systems/Mountain View Press. FF9

MWB A program which will create a new 'WorkBench' screen and route by request OpenWindow calls meant for the WorkBench to these new screens. This allows you to run programs which normally open windows on the WorkBench screen to use a custom screen instead. V 1.01, with source. By Matt Dillon FF65

MWTape A tape handler which uses scsi.device to implement serial access to typical streaming tape devices. Includes source. Author: Markus Wandel FF445

MxExample Example of mutual exclusion gadget handling. Author: Davide Cervone FF31

MxGads Demonstrates how to make mutual exclusion of boolean gadgets work, even if they contain Gadget Text. Author: Willy Langeveld FF52

MXMLib An example Amiga shared library compiled with Aztec 'C' 5.0. This library contains basic support functions employed by programs such as KeyMacro or PrintHandler. In short: mxm.library is the standard MXM system support library. Version 34.14, includes source. Author: Olaf Barthel FF354

My.lib A binary only copy of Matt's alternate run time library. Author: Matt Dillon FF46

MyCLI Another CLI for the AMIGA. By Mike Schwartz FF4, AM9

mydev.asm Sample device driver. Assembler file. AM5

mydev.i Sample device example AM5

mylib.asm Sample library example. Assembler file. AM5

mylib.i Sample library example AM5

MyMenu MyMenu allows you to add your own menus to the WorkBench menu strip, to run commonly used commands. MyMenu will allow you to execute both CLI and WorkBench programs, and is configured with a normal text file. Includes source. Author: Darin Johnson FF225

MyUpdate A disk update utility that also provides support for automatically stripping comments from C header files and for interactive verification on a per file basis. Author: JoeMueller FF49

Nag A shareware appointment calendar with it's own editor and a unique 'nagging' feature utilizing the Amiga's voice and audio devices. Version 1.6, binary only. By Richard Lee Stockton FF161

NameGame A game based on a popular type of word skill puzzle contest generally sponsored by newspapers. Binary only. Author: Mike Savin, Gladstone Productions FF256

Names A shareware program to create and manage mailing lists. Binary only. Author: Ernie Nelson FF122

Nart Another display hack from the master himself... Includes source. Author: Leo Schwab FF66

NComm A communications program based on Comm version 1.34, by DJ James, with lots of very nice enhancements. Has hot keys for most program functions (including dialing up to 10 phone numbers), PAL and NTSC support for normal or interlaced screens, screen I/O greater than 2400 baud, ANSI/VT100 terminal emulation with full 8 color text support, IBM graphics, optional translation styles, split screen mode, full user control of color palette, full support for all European languages, full serial port control with baud rates up to 19200, script language, phonebook, keyboard macros, and more. Also includes several auxiliary programs such as AddCall, CallInfo, GenList, PbConvert, and ReadMail. This is version 1.9, an update to version 1.8 on disk 230. Binary only. Author: DJ James, Daniel Bloch, Torkel Lodberg, et al. FF356, FF246, FF230

NDebt Amusing, but saddening, this program opens a small window that displays a continuously updated tally of America's national debt, based on its historically phenomenal growth rate. Version 1.1, includes source. Author: Ron Charlton FF366

Ndir Library that implements the 4BSD UNIX directory access routines (opendir, closedir, readdir, etc). Includes source in C. Author: Mike Meyer FF92

NEC 8025A Printer driver for the NEC 8025A. AM9

Nemesis This demo is Mark's entry to the Badge Killer Demo Contest. It is quite small for what it does, and won fifth place in the contest. Binary only. Author: Mark Riley FF127, AM25

NetHack A screen oriented fantasy game where your goal is to grab as much treasure as you can, retrieve the Amulet of Yendor, and escape the Mazes of Menace alive. On the screen is a map of where you have been and what you have seen on the current dungeon level. As you explore more of the level, it appears on the screen in front of you. Nethack generates a new dungeon every time it is played, thus even veteran players will continue to find it entertaining and exciting. This is version 3.0, patch level 10, an update to version 2.3 on disks 189 and 190. Binary only, source available. Author: Various, see documentation. FF460, FF189 & 190

NetHandler The Software Distillery's network file system handler (NET:), using Matt Dillon's DNET to mount one Amiga's devices on another Amiga. It also serves as an example file system written entirely in Lattice C. Version 1.0, includes source. Author: Software Distillery FF248

NetWork Another program in the long tradition of 'screen hacks' for the Amiga. Won't spoil the surprise by saying what it does. V1.0, includes source in Modula-II. By Fridtjof Siebert FF234

NeuralNet Example of Neural Net programming converted to Jforth. Demonstrates a programming technique that many say is the wave of the future for software. This is a simple demo that shows neural propagation. Standalone image with source code. Author: Robert E. La Quey, ported by Jack Woehr FF239

NeuralNets A neural network example using the generalized back-propagation delta rule for learning, specifically applied to the tabula rasa Little Red Riding Hood instance. Author: Josiah C. Hoskins FF160

NeuronalNets Binary programs for playing with Neuronal Nets using Hopfield & Hamming algorithms. By Uwe Schaefer FF326

NewDemos Some new demos, including replacements for the standard 'lines' and 'boxes' demos, that use only a few percent of the CPU time, so it is reasonable to have lots of them running simultaneously to demo multitasking. Binary By Steve Koren FF90

NewEx An assembly program to replace xicon, IconX and similar utilities. Unique in the fact that it uses a WorkBench Tool icon instead of a Projection icon. This allows workbench startup of programs that could ordinarily only be started by the CLI. Version 1.1, includes assembly source. Author: Kjell Cederfeldt FF368

NewFonts Set of 28 new Amiga fonts. Author: Bill Fischer FF34

NewFonts Two new fonts; shalt18, an electronic circuit element font, and ibm5, a PC like font, different from that for Sidecar. Author: Peter Kittel FF71

NewIFF Some new IFF material dealing with sampled voice and music IFF files. Posted to usenet by Carolyn Scheppner FF44

NewList A powerful LIST replacement. Supports many features including sorts, character filters, case sensitivity, most options offered by LIST, date construction, UNIX wildcards, and much more. Sort routines are very fast and memory usage is minimal. Version 4.9, an update to version 4.5 on disk 461. Binary only. Author: Phil Dietz FF478, FF461

NewLook A program that changes the system gadgets in all the screens and windows. Version 1.0, includes source in assembler. Author: Preben Nielsen FF396

NewPackets Tutorial downloaded from BIX-C-A support section, which describes some new packets and structures in 1.2 AmigaDOS. Author: Carolyn Scheppner FF65

Newscaster.pic A TV newscaster in an IFF picture. AM6

NewStartups A couple of new Cstartup modules. AStartup.asm is the source to AStartup.obj, with 1.2 fixes and better quote handling. TWStartup.asm is like AStartup.asm but opens a studio window, using a user supplied window specification, when executed from workbench. Author: Commodore, posted to BIX by Carolyn Scheppner FF55

NewStat Replacement program for the Amiga DOS STATUS command. Prints task number, priority, address of process, command line being executed, current directory, etc. Author: James Syngne FF38

Newton Uses the 'Newtons Method' algorithm to estimate both real and imaginary roots of a polynomial of degree 20 or less. Version 1.0, includes source. Author: Daniel Barrett FF164

NewZAP A third-generation multi-purpose file sector editing utility, from the author of FileZAP. Displays and edits full 512-byte sectors via a 106 character wide internal font. Includes a search feature to find specific strings or hex digits, forwards or backwards. Update to version on FF 58. Version 3.18, Binary only. Author: John Hodgson FF164, FF58

NGC Yet another virus check program. Checks the bootblock on all inserted floppy disks and reports non-standard ones. Checks the jump tables of all resident libraries and devices and reports suspicious entries. Version 1, includes source in assembly. Author: Ulf Nordquist FF238

NGTC Release One of a trivia game based on Star Trek: The Next Generation TV series. Contains over 500 questions on Season One of the series with over 50 audio/video clues. This disk contains part 2 of the Trivia Database and the Projector player. You MUST have disk 404 which contains the rest of the Trivia Database and the game module. Created with The Director. Binary only. Author: Gregory Epley FF405, FF404

NiftyTerm NiftyTerm is an h19/VT102/VT52 emulator for the Amiga. It was originally designed to be used with DNet, but it has been expanded so that it may be used as a normal terminal emulator. Niftyterm was designed to be a good emulation of these terminals, as well as being fairly small and fast. Version 1.0, binary only, source available from authors. Author: Christopher Newman, Todd Williamson FF403

NightMare A handy little program that uses 'shock' techniques to scare people. Fun to watch while someone else is using your computer. Version 1.0, binary only, source available from author. Author: Patrick Evans FF448

NoCare This utility speeds up your windowing environment. The OpenWindow vector is patched. When someone tries to open a window in the workbench screen, the lower refreshbit in the nw_Flags field is cleared. This way, only NOCAREREFRESH windows will be opened, resulting in faster window movements. Windows opened in customscreens are not affected. This is version 1.5. Assembly source included. Author: Raymond Hoving FF480

NoClick A program which silences the clicking of empty drives on the B2000 under AmigaDOS 1.3. It should also work on an A500. This is version 3.6, an update to version to version 3.5 on disk 243. Includes assembly source code. Author: Norman Iscove FF246, FF243, FF241, FF231

NoDelete This program pops up a requestor to alert you of a file deletion being attempted via DeleteFile() and allows you accept or cancel it. This also pertains to any files you attempt to delete via delete. Version 1.5a source is included. Author: Uwe Schurkamp FF477

NoIconPos This program clears the position info of any of your icons to allow WorkBench to pick a reasonable place for the icon again. Useful for disk and drawer icons where Snapshot rewrites the icon and the window information. Written in Modula-2, another demo for M2Amiga, showing the simplicity of programming with this Modula-2 compiler. By Markus Schaub FF113

NoReq A very short program that alternately turns on and off the DOS requesters. Useful for bulletin boards or other systems that may be unattended for long periods of time. Includes source in assembly. Author: Jonathan Potter FF412

NorthC A freely redistributable programming package containing all the programs required for developing in C. Based on the Sozobon Ltd C compiler, Charlie Gibb's assembler, the Software Distillery's linker, and portions from other sources. Steve has pulled everything together and added some enhancements in the process. This is version 1.2, an update to version 1.1 on disk 353. Changes include extra examples, many bug fixes, further documentation and some improvements. The environment is supplied

Graphic Arts
Desktop Video
Word Processing
Desktop Publishing
Music
Education
Business & Home Productivity
Programming
Utilities
Entertainment
Miscellaneous Software
Drives
Memory Expansion
Accelerators
Video Hardware
Miscellaneous Hardware
Accessories & Services
Books & Tapes
CDTV
PDS Guide
AMICUS Index
Fred Fish Index
Vendor/Product Registration
AC Back Issue Index
User's Groups
Vendor Information
Product Index by Product
Product Index by Vendor
Category Index
Last Minute Additions

compressed and unpacks to two disks. Partial source is included. Author: Steve Hawtin, Charlie Gibbs, Sozobon Ltd, The Software Distillery and many others. FF384, FF353, FF340

NoSmoking Sample program showing the use of a recoverable alert while displaying a personal health message. Includes source. Author: Theo Kermandis FF155

NotBoingAgain Dr. Gandalf's entry for the First Annual Badge Killer Demo Contest. It is an interlaced HAM animation with nicely integrated sound effects. It is a great visual pun on the original Boing demo, but to say anymore would ruin the effect. Binary only, requires 1 Mb of memory. By Dr. Gandalf (Eric J. Fleischer, MD) FF200

NoVirus Another Anti-Virus utility. This one features known and new virus detection, view boot block, save and restore bootblocks, several 'Install' options and more. Written in assembly. This is version 3.31, an update to version 1.56 on disk 180, and is a limited demo of the commercial version. Binary only. Author: Nic Wilson FF421, FF180

Nro Another roff style text formatter. This is version 1.5, an update to the version released on disk 79. New features include generation of ANSI/ISO codes for bold, italics, and underline, more than one formatting command on a line, longer macro names, and many more formatting commands. Includes source. Author: Unknown, posted to usenet by Alan Vymetalik Many enhancements by Olaf Seibert FF197, FF79

NTSC-PAL Two programs that give A500/A2000 owners with the new ECS 1Mb Agnus installed the ability to boot into either a NTSC or PAL environment. *Very* useful for both NTSC and PAL owners alike. Version 1.1, includes assembly source. Author: Nico François FF387, FF331

NuHand An animation of a hand with fingernails scraping on a desktop, including sound effects. An entry in the 1988 Badge Killer Demo Contest. Binary. By Bryan Carey Gallivan FF210

Null A new dos device that behaves like 'NIL:' but unlike 'NIL:', it is a real handler. It is useful in lots of situations where 'NIL:' cannot be used. V 0.0, with source. By Gunnar Nordmark FF188

Oberon A freely distributable demo version of a powerful Oberon compiler. Oberon is a modern, object oriented language developed by Prof. Dr. Niklaus Wirth of ETH Zürich in Switzerland as a successor to Modula-2. This single pass compiler creates standard Amiga object files, uses a large variety of optimizations to create fast code, supports writing of reentrant programs, allows you to call code from other languages like C and Assembler, etc. The package includes the compiler, an editor, a link utility, a program to display compilation errors and some demo programs. Version 1.16, binary only. Author: Fridtjof Siebert FF380

objfix Makes Lattice C object file symbols visible to Wack, C program. In C source code and executable. AM1

Observer Working example for a Lattice LSR-program. Opens a small window and displays volume names of all inserted disks (DF0: through DF3:). Includes source in Lattice C. Author: Oliver Wagner FF378

Obsess Obsess-O-Matic is a real-time puzzle game like Tetrix where the object is to fit the falling pieces together to form complete horizontal rows. Features such as burning, exploding, and invisible pieces enhance game play. Other features such as a puzzle piece editor are included in the version available directly from the author. This is version 1.0, shareware, binary only. Author: Wayne Phillips FF305

Oing Displays a window full of little bouncing balls. By Leo Schwab FF33

Oing, Sproing, yaBoing, Zoing are sprite-based Boing! style demos. dln C source code and executable. Documentation included. AM14

Okidata ML-92 Printer driver for the Okidata ML-92. AM9

OkidataDump Okidata ML92 driver and WorkBench screen dump program. Does both alpha and graphics. Untested (I don't have the printer). Author: Raimund Gluecker FF15

OldMan Shades of Santa digitized in an IFF picture. AM7

On Your Alert: Using the system's alerts from AmigaBASIC. Author: John F. Wiederhim AC4

one.window Produces a window with a console attached. Does graphics in the top half and limits the console activity to the lower half. Author: Rob Peck 12/18/85 FF5

OnePlane Removes the highest number bitplane from the WorkBench screen. Normally used to take Workbench screen from 2 bitplanes to 1 bitplane. This allows CON: style devices to scroll text faster. Includes source. By Ethan Dicks FF329

OnlyAmiga This animation is Iqbal's entry to the Badge Killer Demo Contest. It consists of tree balls being juggled by pyramids rotating on their tops. Author: Iqbal Singh Hans FF126

OnlyAmiga This demo is Rob's entry to the 1989 BADGE Killer Demo Contest, where it won 9th place. It demonstrates sound, multitasking, HAM color, the blitter, and more. Binary only. Author: Rob Peck FF268

OnTime Holds up a task until a given time and then releases it to run. Version 1.0a, binary only, source available from author. Author: Patrick Evans FF448

OOPSI! Tired of the monochrome background color of your Workbench or CLI? Then try this colorful screen hack to brighten things up! Includes source. Author: Joerg Anslirk FF156

OPS5c OPS5c is a compiler for the expert system language OPS5. The compiler takes OPS5 source code as input and creates a C source code file to be compiled to create an executable. Arbitrary C code may be linked with the executable and executed as a result of firing rules. The system's strong point is its speed and as a result it sometimes has large executables and large memory requirements. At least 1 Meg. of memory is suggested. Binaries only for compiler and run-time library. Version 1.08a. Requires a C compiler. Authors: Bernie J. Lofaso, Jr, Dan Miranker and Arun Chandra. FF358

Optical Draw several optical illusions. ABASIC program. AM1

optimize An optimization example from an AC article, in AmigaBASIC. AM11

OptMouse A program which allows you to use a Mouse Systems M3 serial mouse on the Amiga and instructions which allow a serial mouse to be modified to plug directly into the Amiga mouse port. Useful as an example of how to 'fake' mouse movements and may be of use in writing drivers for digitizers, light pens, and the like. Includes source. Author: Ed Hanway FF445

Orbit Plots the ground trace of satellites on a map of the earth, using the orbital elements for some 130 satellites, from a list which is updated every two weeks on Compuserve. Version 1.2, binary only. Author: Timothy Middendorf FF289

organ minor chord Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Orthello One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

OSK A software keyboard, which allows you to type using the mouse. Can be made to send keystrokes to any window, and can be iconified. Includes source. Author: Jonathan Potter FF287

OSK A software keyboard, which allows you to type using the mouse. Can be made to send keystrokes to any window, and can be iconified. This is version 1.2, an update to the version on disk 287. Binary only. Author: Jonathan Potter FF412

Othello An AmigaBASIC Program of the oriental game known as 'go'. AM8

Othello Another game in ABASIC by the author of Monopoly. Author: David Addison FF28, AM1

Othello Othello game, binary only. By Matthew Bellew FF90

Overscan Patches the Intuition library so that sizable windows with MaxHeight of 200 (400 in interlace) and screens with Height of 200 (400 in interlace) will take

advantage of the PAL overscan capability of Intuition V1.2. This seems to be useful only for European users that wish to run software written for the American market, without modifying the applications, but still using the additional space. Includes source. Author: Ari Freund FF133

ownlib.asm Example of making your own library in Assembly with Lattice. C program. AM4

ownlib.c Example of making your own library in C with Lattice. C program. AM4

P2C P2C is a tool for translating Pascal programs into C. It handles the following Pascal dialects: HP Pascal, Turbo/UCSD Pascal, DEC VAX Pascal, Oregon Software Pascal/2, Macintosh Programmer's Workshop Pascal, Sun/Berkeley Pascal. Modula-2 syntax is also supported. Most reasonable Pascal programs are converted into fully functional C which will compile and run with no further modifications. V1.13 includes source. By Dave Gillespie, Amiga port by G. R. (Fred) Walter FF341

Paccer A pacman clone with sound and a game screen editor. V1.0, shareware, binary only. Author: Dirk Hoffman FF223

Pack Program to strip extraneous whites pace from C programs or header files. Can be used to condense the C compiler header files to free up disk space. Author: Jeff Dickson FF20

Pack-It Pack-it will take all the files and directories on a disk and pack them into a single file for electronic transmission via modem. Binary only, shareware. Author: Gary Kemper FF103

PacketSupport A link library, for use with Lattice C, providing a few functions to handle DOS packet postage. Includes source. Author: Oliver Wagner FF346

PacMan87 This is a nice little 'pacman like' game with some new features like fire pits, stabbing knives, electric arcs and flame throwers, that must be avoided. Has three levels of difficulty, easy, medium, and hard. Sounds can be toggled on or off. Keeps a record of the top ten scores. Shareware, binary only. Author: Steve Jacobs and Jim Boyd FF192

PageCnt Counts and displays the number of form feeds in a file, along with the length of the longest line. Version 1.0, includes source. Author: Joel Swank FF304

PagePrint Prints text files with date/time header, page breaks, and line numbers. Suggested \$10 donation. By Phil Mercurio FF40

PageSetter Freely distributable versions of the updated PagePrint and PageIFF programs for the PageSetter desktop publishing package. AM18

Paint A simple screen painting program, written in web. Requires web preprocessing program to rebuild from source. Includes source in web. Author: Greg Lee FF128

PaintBox Simple paint program. ABASIC program. AM1

PaintCan.pic The PaintCan in an IFF picture. AM6

PaintJet An 'official' Hewlett Packard PaintJet printer driver received directly from HP sources. Author: Unknown FF129

Palette A tool which allows you to change another program's custom screen colors. This is version 1.1. New features include checks for WorkBench startups, checks for HAM, Half Brite, or more than five bitplanes, and more graceful exits. Includes source in assembly. Author: Randy Jouett, CJ Fruge, Carolyn Scheppner, Charlie Heath FF330, FF55, FF1

PaletteReq An easy way to set the palette of any screen from your program. Includes source. by: Jonathan Potter FF242

PalTest Example code of how to determine dynamically whether or not you are running on a PAL machine. Includes source. Author: Christof Bonnkirch FF87

Panasonic KX-P10xx Printer driver for the anasonic KX-P10xx family of printers. AM9

Paul A universal MIDI patch panel that allows MIDI parameter info to be sent from the Amiga to any MIDI device that can accept param info Version 1.2, binary only. By David Weinbach FF82

parallel Demonstrates access to the parallel port. Author: Tom Pohorsky FF5

parallel Text, parallel port spec. AM5

Paranoids An asylum escape game. Paranoids is a traditional board game played by drawing cards, rolling dice, and moving pieces around the board. Each player has six pieces, four patients and two doctors. The object of the game is to get all of your patients out of the asylum. This is version 1.0, binary only. Author: Richard Anderson and Gary Teachout FF250

paratest.c tests parallel port commands. C program. AM4

ParM Parameterable Menu. ParM allows you to build menus to run whatever program you have on a disk. ParM can run programs either in workbench or CLI mode. This is an alternative to MyMenu which can run only when WorkBench is loaded. ParM can have it's own little window, or can attach menus to the CLI window you are running it from. This is version 2.5r, an update to version 1.1 on disk 375. Includes source. Author: Sylvain Rougier and Pierre Carrette FF419, FF375

ParNet The Software Distillery's NET: file system using Matt Dillon's parallel port code. Using a special DB25 cable, two Amigas can be connected via the parallel port. One Amiga can mount the other as a device and read/write the files as if they were local. Version 2.4, binary only. Author: Doug Walker, John Toebes, Matt Dillon FF400

ParOut Shows how to allocate and communicate directly with the parallel port hardware from an assembly language program. With source. By Jeff Glatt (original code by Phillip Lindsay) FF237, FF73

Parse A recursive descent expression parser that parses expressions, computes the expression value, and prints it. Includes support for some built in transcendental functions. Includes source in C. Author: John Olsen FF92

Parsnag A program to aid in performing color separations on Epson/JX-80 printers. Includes source. By John Hodgson FF165

ParTask Example program for finding the parent task of your current task. Includes source. Author: Andry Rachmat FF79

PascalToC A Pascal to C translator program which is supposed to correctly handle function, procedure, and most type declarations. However, this quick and dirty port didn't fare too well on even a simple little Pascal fragment from Software Tools in Pascal. I don't know if the problem is machine dependencies in the code or bugs. Looks like it could be useful with a little more work than I have time to put into it now. Includes source. Author: James Mullens, enhancements by Dan Kegel FF65

Password A program which enhances your computers security by making it complicated enough that users without your password will get discouraged trying to boot and use your system. This should keep out most casual or nontechnical users. Update to version on FF#243. Version 1.42p, binary only. Author: George Kerber FF365, FF243

Paste A version of the UNIX paste utility. Paste concatenates corresponding lines of the specified files into a single output line (horizontal or parallel merging) or concatenates them into alternate lines (vertical or serial merging). Includes source. Author: David Ihnat FF136

Patch A port of the very useful UNIX utility which applies context diffs to text files to automatically update them. This is a port of version 2.0.1.6 (patch level 12), which Eric has dubbed Amiga version 1.0. Includes source. Author: Larry Wall, Amiga port by Eric Green FF296, FF129, FF13

PatchCompiler A program to generate patches using a Pascal like language to describe what needs to be patched. This is version 1.0. Includes source in assembly. Author: Roger Fischlin FF437

PatchLoadSeg This program patches the loadseg routine to automatically detect link viruses when a program is loaded. Displays an alert when a virus is detected in a program being loaded for execution. Version 1.20, includes source. Author: Pieter van Leuven FF331

PatchNTSC OS fix to allow the growing number of PAL display programs to be run on NTSC machines. Will

patch the Intuition OpenScreen() function to assure screens with PAL height to be opened in interlace mode. Includes source in assembler. Author: Oliver Wagner FF346

PatEdit A pattern editor for creating patterns to input to the Amiga SetApt macro call. This call sets the area fill pattern for the area filling graphics calls such as RectFill, AreaDraw, etc. Includes source. Author: Don Hyde FF130

Path An interesting concept in path-searching. This program contains a path-handler that allows you to selectively control or assign your system's search path using script files. Includes source. Author: Rico Mariani FF177

PathMaster A file requester with lots of features. Can be easily configured by the programmer to suit a variety of applications. Includes source. Author: Justin McCormick FF245

PatternLib A sharable library which implements AmigaDOS pattern matching, and a program that compiles 'fd' files into library headers and interface stubs. Includes source in Draco. Author: Chris Gray (?), posted on BIX by Jeff White FF254

PBar An editor to change the pattern in the windows drag bar and save the pattern as an executable file with an icon looking like the pattern. Version 1.0, includes source in assembler. Author: Preben Nielsen FF396

PCalender A little calendar program which lets you look through years and months using the arrow-keys. Version 1.0, includes source in assembler. Author: Preben Nielsen FF396

PCBTool An early version of a shareware PC Board layout program. Lots of options including variable size pads and traces, grids, grid snap, layers, zoom, selectable centering, text and more. This version does not support printer/plotter dumps or libraries. Version 2.6, binary only. Author: George Vokalek FF158

PClock A little clock program which shows the time and the available CHIP and FAST memory. Version 1.0, includes source in assembler. Author: Preben Nielsen FF396

Peopy An intuition based disk copier for AmigaDOS disks featuring high speed diskcopy with write verify, data recovery from damaged tracks, full multitasking compatibility, and a user friendly interface. This is version 2.12, an update to version 2.11 on disk 383, with new data recovery routines and some bug fixes. Binary only. Author: Dirk Reisig FF402, FF383, FF243, FF151

PcPatch Patches for PCCopy and PCFormat from the EXTRAS disk, to allow reading, writing, and formatting of any kind of MS-Dos style disks, including 720K 3.5" diskettes. Binary only. Author: Werner Guenther FF218, FF163

PCQ A freely redistributable, self compiling, Pascal compiler for the Amiga. The only major feature of Pascal that is not implemented is sets. This is version 1.1c. It is much enhanced and about four times faster. Includes the compiler source and example programs. Author: Patrick Quaid FF339, FF183

PCStatus Bridgeboard user's program that displays the status of the CAPS, NUM, INS, and SCROLL key in a separate window on every PC screen. Also, both the Amiga and the PC will use the same status of the Caps Lock key. Version 2.0, shareware, binary only. Author: Alexander Hagen FF411

PcView Provides the PC community with the opportunity to display IFF pictures to the best of EGA's ability. Displays Amiga pics, IBM-PC Deluxe Paint Pics, Apple II-GS Deluxe Paint Pics, and others in the IFF standard format. Includes source. Author: John Hodgson FF164

PDC Publicly Distributable C (PDC) is a complete C compilation system including a compiler, assembler, linker, librarian, and numerous utilities, documentation files, libraries, and header files. PDC supports many ANSI features including all ANSI preprocessor directives, function prototyping, structure passing and assignment. In addition it supports Lattice C compatible libcall pragmas, precompiled header files, builtin functions, and stack checking code. This is version 3.33 and includes full source. Author: Lionel Hummel, Paul Petersen, et al. FF351

Pdc An optimizing C compiler for the 68000 processor. Major porting work was done by Jeff Lydiatt to get it to the point where it would compile and execute simple pro-

grams on the Amiga. This version now generates metacomco-compatible assembler source code, which can be assembled by the assembler also provided on this disk and then linked by the freely redistributable linker 'blink' (also provided). Includes all compiler source and some library and startup source code. Requires amiga.lib from developers kit to generate complete running example executables. Author: Matthew Brandt; major porting work by Jeff Lydiatt. FF110

PDScreen Dump C program which dumps Rastport of highest screen to printer. AM8

pdterm A simple terminal emulator that does ANSI or DEC VT-100 emulation in 80 cols by 25 lines. Version 1.21. Author: Michael McInerney FF14

PearlFont A font similar to Topaz, but with smoothed out edges and more rounded characters. Author: Michael Portuesi FF61

Pemacs Microemacs as enhanced by Andy Poggio. New features include use of <ALT> keys as Meta keys, default buffers on buffer switch, mouse support, higher priority to improve interactive response, creation of backup files, paragraph fill, word wrap, query replace, and support for function keys. Author: Dave Conroy, enhancements by Daniel Lawrence FF22

pena One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

PennyWise An easy to use, flexible cashbook program using an Amiga Intuition interface. It can be used to keep track of the financial transactions of a cheque, bank, business, or similar account. Shareware, binary only. Author: Pierre A du Parte FF273

PenPalFont A font which will make your six year old feel right at home in a CLI window. Cute. Author: Burton Ogden FF73

people talking Sound demonstration icon-driven part of a set on AMICUS 10 AM10

PeopleCable IFF picture resembling an old BYTE cover. AM7

Pere-et-File Example of creating and using reentrant processes. Includes source. Author: Jean-Michel Forgeas FF105

PerfectSound Perfect Sound demo, with a sound editor and sample sound files. Looks very nice. Author: Anthony Wood FF50

Perl Practical Extraction and Report Language, an interpreted language optimized for scanning arbitrary text files, extracting information from those text files, and printing reports based on that information. Author: Larry Wall FF161

PersMail Demo version of shareware personal/personnel file manager. Includes list processing, capability to run mailing labels, mail merge output feature, and more. Demo version is binary only and limited to input mode. Suggested donation of \$24 for the 'real' version. Author: Breen and Associates FF67

PetCLI An AmigaBASIC program that allows editing in CLI command lines (similar to the PET and MYCLI). Includes source. Author: Peter Kittel FF71

PetersQuest This cute game has you, the intrepid Peter, following a trail of hearts through a world of 20 levels, riddled with porcupines and other hazards, to rescue Daphne, the love of your life that has been kidnapped by the evil Brutus. Version 1.0, binary only. Author: David Meny FF224

PETrans translates PET ASCII files to ASCII files. In C source code and executable. Documentation included. AM14

PeX A demo of the various graphics capabilities of the Amiga. Author: Unknown (no documentation included) PictureGarden Another demo, apparently in compiled basic. Author: Unknown (no documentation included) FF206

Pfiler A very good and small file requester to link onto your own programs. Version 1.0, includes source in assembler. Author: Preben Nielsen FF396

Piano Simple piano sound program. AM21

Graphic Arts
Desktop Video
Word Processing
Desktop Publishing
Music
Education
Business & Home Productivity
Programming
Utilities
Entertainment
Miscellaneous Software
Drives
Memory Expansion
Accelerators
Video Hardware
Miscellaneous Hardware
Accessories & Services
Books & Tapes
CDTV
PDS Guide
AMICUS Index
Fred Fish Index
Vendor/Product Registration
AC Back Issue Index
User's Groups
Vendor Information
Product Index by Product
Product Index by Vendor
Category Index
Last Minute Additions

PickPacket PickPacket gives you a visual display of the DosPacket structures that are sent to handlers, and lets you see the results. You can actually perform handler operations such as open files, read or write data, Examine or ExNext locks, and so forth, all by talking directly to the file system handler involved using PickPacket. V1.0, with source. Authors: John Toebes and Doug Walker FF227

Pics Some miscellaneous pictures with a cartoon theme. Author: Bob McKain FF394

PicToANSI Converts a one bit plane 320x200 IFF picture to a file that displays the picture on any ANSI compatible terminal. Binary only, source available from author. Author: Patrick Evans FF448

PictureEditor An 'object-oriented' paint program that allows you to create, modify, load, and save hierarchical structured picture objects. Version 1.12, shareware, binary only. Author: Hans W. Stremlau FF464

Pictures Miscellaneous pictures selected from dozens of pictures that have come my way since the last full art disk. Author: Rich Payne, Grace Rohlf, and others. FF45, FF11

Pictures: IFF pictures from past Amazing Computing issues. AC11

FigLatin Tired of the 'say' command? This one will translate and speak your input in pig latin! Author: Thomas Clement FF18

pigs Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Pilot An implementation of the PILOT language for the Amiga, including a demo done for the National Park Service. PILOT is a limited use language for use in educational and computer based instruction programs. Binary only with Beta test kit available from authors. Author: Terry LaGrone FF150

PinballConstSet.pic. A screen from Pinball Construction Set in an IFF picture. AM6

pinwheel One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. It is not certain whether which of the two early basics this program used. FF13

pipe organ Sound demonstration icon-driven part of a set on AMICUS 10 AM10

PipeDevice A working 'pipe' device, which allows the standard output of one process to be fed to the standard input of another process, with both processes running concurrently. Author: Matt Dillon FF55

PipeHandler An AmigaDOS pipe device which supports OPEN, CLOSE, READ, WRITE, LOCK, EXAMINE, and EXNEXT. Thus you can have 'named pipes'. It also supports 'taps' on a pipe, to capture all data flowing through the pipe. Version 1.2, includes source. Author: Ed Puckett FF84

Pipeline A game like the commercial game 'Pipe dream' (Pipe mania). Needs a joystick and PAL display. High scores are saved to disk. Version 1.0, includes source. Author: Andre Wichmann. FF358

PKAZip The PKWare ZIP tool for the Amiga. Provides functions to create, examine, extract, test, modify, display, and print files which are in the ZIP compressed format. Uses a full intuition interface with no CLI support. This is version 1.01, Binary. By PKWARE Inc, Amiga version by Dennis Hoffman FF318, FF311

Planets Some routines ported to the Amiga by Bob Leivian, that compute the location of the planets (as viewed from a specific point on the earth) and the phase of the moon, for an arbitrary date and time. With source. by Keith Brandt VIII, Jim Cobb, F. T. Mendenhall, Alan Paeth, Petri Launiainen, Bob Leivian FF321

Plasma A plasma cloud generator program that uses the extra halfbrite mode. Plasma clouds are a special form of fractal which show very smooth color gradations. Version 1.f, includes source. Author: Roger Uzun FF285

Plop Short, simple, no-frills IFF reader program, and a sample picture made using a ray tracing algorithm. Author: Jim Kent FF35

Plot A 3-D function plotting program with provisions for coordinate translation on both axes, parametric equations, and standardized notation of the pow function (x^y — which now works as specified.). This

is version 5.1, an update to version 4.1 on disk 175, with some enhancements and bug fixes. Binary only. Author: Terry Gintz FF389, FF175, FF49

Plot A package for making 2D and 3D plots conveniently. AG Baxter wrote the intuition interface program (Plot) and Tim Mooney wrote the MultiPlot and ThreeDPlot programs, which are called from Plot. This is version 1.2 and includes source to Plot. Author: AG Baxter, Tim Mooney FF231

Plot A shareware 3D graphing program written in AmigaBASIC, with some sample output plots. Source available from author. Author: George Trepal FF121

Plot6 A star plotting program. Short on documentation and user friendliness, but interesting. Includes source. By Darrin West FF85

PlotData2D Plots data onto a custom user defined screen and window, reading the plot and screen/window definitions, along with the X and Y data pairs, from a disk file. Supports linear, log-log, and semi-log axis plots. The data can be plotted with lines, symbols, or both. Includes numerous example plots. Version 1.0, includes source in Fortran. Author: Robert C. Singletary Jr. FF288

Plotter A two-dimensional mathematical function plotting program. Includes both PAL and NTSC versions. Version 3.71, includes source. Author: Rudiger Dreier FF376

PlotView A couple of programs, Plotview and Plot2Am, for viewing UNIX plot files. Also included are two sub-directories: Plot — a device independent plotting package for the Amiga, compatible with the UNIX plot subroutine package and Plot2Tek — converts UNIX plot format files to Tektronix 410x terminal graphic commands. Source included. Author: Joel Swank FF165

Piplot A library of C functions useful for scientific plotting on the Amiga. The library is Lattice C compatible. Contour plotting, three dimensional plotting, axis redefinition, log-log plotting and multiple subpages are a few of Piplot's features. The plots can be displayed on a monitor or sent to a graphics file for subsequent printing. This is version 2.6. This version includes a greatly improved intuition interface, preferences support for hardcopy, several new device drivers, and the capability of adding additional device drivers easily. Includes source. Author: Tony Richardson FF340, FF222

PlusCR Companion program to StripCR, it reverses the procedure. PlusCR produces a file ready for use on systems which require both the CR and LF characters to mark the end of a line (such as those running MS-DOS for example, includes source in assembly. Author: Bill Nelson FF237

PLW Phone-Line-Watcher. For users of Hayes compatible modems. Monitors the serial port and records all incoming calls. Allows a remote user to login, receive and leave a message, and transfer files via Zmodem in either direction. Two level DOS access, disabled DOS requestors and more. This is version 3.0, an update to version 2.8 on disk 372. New features include the ability to define external programs as menu options that can be executed by the remote user. Shareware, binary only. Author: Christian Fries FF402, FF372, FF363

pm A chart recorder performances indicator. AM11

Pmode Very simple command line utility to send escape sequences to the printer to change print styles. Specifically tested a NEC P6 Plus, but it should work with many printers. Includes source should make it easy to add/modify escape sequences. Author: Dario de Judicibus FF392

Pogo Another of Eric's cute animations. This one has Pogo and crew trying to hold a conversation with the beautiful Miss Mam'a selle. Author: Eric Schwartz FF423

Pointer Use the SID sleepy pointer in your programs. Includes C source, a sample program, and modules that you can plug in to your C programs. Author: Timm Martin FF430

pointerEd Pointer and sprite editor AmigaBASIC program. AM11

PointerLib A disk based shared library which provides programmers with easy access to custom pointers and a consistent user selected busy pointer. Includes source. Author: Luke Wood FF446

PokerDemo Demo version of some Solitaire card games from UnSane Creations. Includes Accordion, Calculation, Poker Solitaire, and SeaHaven Towers. Binary only. Author: Steve Francis FF403

PolarView A planet view in an IFF picture. AM6

Police Simple police siren sound. ABASIC program. AM1

Poly A polygon drawing demo using the Area Move, Area Draw, and Area End functions. Author: John Olsen FF52

Polydraw A drawing program written in ABASIC. Author: David Addison FF15

Polyfractals A fractal program written in ABASIC. Author: David Addison FF15

Polygon A moire type pattern generator but with color cycling. Author: TerryGintz FF49

PolyRoot Another Polynomial root-finder using the Newtonian algorithm. Nicely done in AmigaBASIC with good documentation file. Version 2.00. Author: Jon Giorgini FF164

PolySys An extended version of the OL-system (string rewriting) described in The Science of Fractal Images (edited by Pietgen and Saupe). The basic algorithm has been expanded and modified extensively, and looping commands similar to those found in other Turtle graphics systems (Logo, etc) have been added. Support for three-dimensional drawing, with perspective, is also included. Version 1.0, binary only. Author: Terry Gintz FF389

Poor Man's Spreadsheet: A simple spreadsheet program that demonstrates manipulating arrays. Author: Gerry L. Penrose. AC10

PopArt Intuition based image data generator and animator. Includes source. Author: Philip FF374

PopCLI Provides a simple way of starting another CLI at any time without having to load workbench or exit whatever program you may be using. Also has a built in screen saver mode that automatically blanks the Amiga console screen when there has been no input for a specified period of time. Version III with source. Author: John Toebes FF84, FF40, FF35, AM15, AM12

PopColours Lets you change the Red/Green/Blue components of any color register, on any screen currently in the system. Uses a movable window with slider gadgets. Very well done. Version 1.0, Nov. 1986. Author: Chris Zamara and Nick Sullivan FF43

PopDir A small utility which 'pops open' to help you look at the contents of a particular directory on demand. Version 1.6 with source. Author: Jonathan Potter FF287, FF204

PopInfo A small utility which 'pops open' to give you information about the status of your devices and memory. This is version 3.1, with source. By Jonathan Potter FF242, FF223, FF204, FF172

PopInfo A small utility which pops open to give you information about the status of your devices and memory. This is version 4.0, an update to version 3.0 on disk 242. Binary only. Author: Jonathan Potter FF412

PopLife A PopCLI type thingie that instead plays life all over your screen. Lots of bits and pieces from Tomas Rokicki's blitlab and John Toebes' PopCLI. Includes source. By Olaf Seibert FF111

PopMenu A set of functions for the setting up, drawing, and handling of pop-up menus that are affixed to windows. Clicking on the menu box area will open up the full menu, with the list of menu items inside. Source and a sample program included. Author: Paul Thomas Miller FF368

PopScreen A small hack to pop a hidden screen to the front from the CLI. This was written to allow the author to use VLTjr with other programs that also use custom screens. Source included. Author: Stephen Vermeulen. FF326

PopUpMenu A small program that makes it possible for you to use pop-up-menus with any program that uses standard intuition menus. Version 3.5, includes source. Author: Martin Adrian FF422

PopUpMenu Example code implementing pop-up menus that are reasonably compatible with Intuition menus. Includes source. Author: Derek Zahn FF96

Porsche A Porsche in an IFF picture. AM6

Port2 Sample C program showing how to control a mouse connected to the second mouse/joystick port. Executable creates a second mouse pointer that is controlled by a mouse plugged into port 2. Version 1.0, includes source. Author: Olaf Barthel FF371

portar Portable archiver. Used to bundle text file up into a single file for transmission as a unit, or otherwise handling as a single file. 'Portable' because the code itself is portable and because the archive format is very simple (uses ASCII headers to separate files). From Decus C distribution. Author: Martin Minow FF2

PortHandler A sample Port-Handler program that performs the functions of the standard Port-Handler. Shows what the BCPL environment looks like from the handler point of view. Author: John Toebus VIII FF20

Post An excellent PostScript interpreter for the Amiga which implements the full Adobe language. Supports type 1 and type 3 fonts, screen output, file output, and printer output. Requires Arp library V39+ and ConMan V1.3+. This is version 1.5, an update to version 1.4 on disk 446. Changes include better type 1 font rendering and some bug fixes. Includes source in C. Author: Adrian Aylward FF468, FF446, FF408

potgo.bmap one of the necessary links between AmigaBASIC and the system libraries. AM8

PowerLOGO An experimental programming language based on Lisp and LOGO. It is versatile, highly interactive, organizes programs as collections of procedures, and includes lists as first-class data objects. Version 1.00, binary only. Author: Gary Teachout FF377

PowerPacker A shareware command and data cruncher, with a full intuition user interface. Executable files which are crunched are automatically decrunched upon execution, thus saving precious disk space on systems without hard disks. Version 2.3b, binary only. Author: Nico Francois FF253

PowerSnap A utility that allows you to use the mouse to mark characters anywhere on the screen, and then paste them somewhere else, such as in another CLI or in a string gadget. Checks what font is used in the window you snap from and will look for the position of the characters automatically. Recognizes all non proportional fonts of up to 24 pixels wide and of any height. Works with AmigaDOS 2.0 in both shell and WorkBench environments. Version 1.0, binary only. Author: Nico Francois FF467

PowerWindows PowerWindows aids in creation of custom windows, menus, and gadgets. It will write C or assembly source implementing these, for linking with your programs. Binary only. Author: Inovatronics Inc. FF71

PPAnim An anim player for normal IFF ANIM opt 5 (DPaint III,...) files or ANIM files crunched with PowerPacker. The decrunching is done automatically as the file is read. Features many command line options, palette change during animation, full overscan PAL/NTSC support and yet it is only 7K. Compatible with AmigaOS 2.0. Some new 2.0 features (ASL requester) supported. Version 1.0, binary only. Author: Nico Francois FF414

PPLib A shared library to make life easy for people who wish to write programs that support PowerPacker. Loading crunched files from C or assembly is made fast, short and easy. This is version 34.2, an update to version 34.1 on disk 371, and fixes a relatively serious bug. Library binary only, source examples included. Author: Nico Francois FF414, FF371

PPMore A 'more' replacement program that reads normal ascii text files as well as files crunched with PowerPacker. The crunched files can result in considerable disk space savings. Version 1.7, update to version on FF334, binary only. Author: Nico Francois FF371, FF334, FF302

PPrefs Preferable Preferences is a program designed to replace the standard preferences, that is shorter, more efficient, and easier to use. Binary only. Author: Jonathan Potter FF242

PPShow A 'show' program for normal IFF ILBM files or ILBM files crunched with PowerPacker. The decrunching is done automatically as the file is read. Version 1.2, update to version on FF334, binary only. Author: Nico Francois FF371, FF334

PPType A print program that will print normal ascii files or files crunched with PowerPacker. Several nice features such as page headers and numbers, adjustable tab sizes, page info taken from preferences and more. Version 1.1, binary only. Author: Nico Francois FF371

Pr A little utility to print listings in different formats. Similar to the UNIX 'pr' program. With source. By Samuel FF122, FF34, AM15

Practal Modula-2 Buffered Disk I/O: Buffer file input and output to improve disk accessing speed. Author: Michal Todorovic. AC13

Prep Version 2.1 of a Fortran preprocessor called 'prep', an alternative to ratfor. Prep has better macro facilities, a concise shorthand for array and vector statements, all the standard flow control constructs of forth, and is written in generic, portable C (I made no source changes). Includes source. By Roger Ove FF65

PrettyWindows Three different C routines to add various borders inside of windows. Includes source and a demo. Author: Thom Robertson FF399

PrFont Prints a sample of each font from the fonts: directory. Draws one line of each font on a custom hires screen, which can be printed. Version 1.3, includes source. By Joel Swank FF305

printintr.c Sample printer interface code. C program. AM4

Print Small print utility designed to replace the 'copy <filename> >prt:' command. Opens a window displaying the filename being printed, length, and a status bar showing percent completed. Also includes an abort gadget. V1.0, binary. By Luciano Bertato FF184

Print Utility: A homemade print utility, with some extra added features. Author: Brian Zupke AC9

print.support Printer support routines. Currently won't compile, missing a header file 'local.h'. Author: unknown FF5

Print1.2 Another CLI-based printing utility with several nice features including the ability to print in ASCII or HEX, with or without line numbers and a CTRL-C Trap. Includes source. Author: John F. Zacharias FF174

Printer driver Text files for building your own printer drivers, including dospecial.c, epondata.c, init.asm, printer.c, printer.link, printertag.asm, render.c, and wait.asm. AM5

printer Printer pre-release copy of the chapter on printer drivers, from RKM 1.1. AM4

printer Shows how to open and use a printer, does a screen dump of the workbench screen if there is a graphics-capable printer attached. Currently does not compile under Lattice C Ver3.02 and does not link under Lattice C Ver3.03. By Rob Peck 12/1/85 FF5

PrinterStealer A program similar in function to 'Cmd' that allows diversion of output destined for the printer to a file for future output or debugging purposes. Binary only, source available from authors. Author: Alex Livshits and J-M. Forgeas FF95

PrinterTip A text file instruction for sending escape sequences to your printer. AM9

PrintText Program to display ASCII text files on the screen with scrollbar, arrow gadgets, automatic word-wrap, a search function, speech, IFF picture loading, and online help. Version 1.2, binary only. Author: Opher Kahane FF90

PrintHandler A custom PRT: driver which offers easy single sheet support as well as limited data spooling. Version 1.6, an almost entirely rewritten update to version 1.1 on FF282. Includes source in 'C'. Author: Olaf Barthel FF352, FF282

PrintImage A simple program that provides an easy way to print IFF ILBM images. Version 1.0, includes source. Author: Olaf 'Olsen' Barthel FF394

PrintIt A program to print IFF pictures on Epson compatible 9-pin printers. Prints in many resolutions, with many ways to convert color pics to black and white. Version 1.0, includes source in Modula-II. Author: Fridtjof Siebert FF234

PrintPop A utility to enable the user to send some common control settings to the PRT: printer device. When installed, a left-amiga F1 sequence will pop up a small window with various options. Includes source. Author: Robbie Akins FF108

PrintSpool A print-spooling program. Very useful for printing files in the background. Many command-line options. Version 1.0.0, includes source. Author: Francois Gagnon FF154

PrintSpool A shared library to easily add text or graphics print spooling to any C or assembly program. Binary only. Author: Jeff Glatt FF463

PrintSpool A small print spooling shared library that provides an easy way to print graphics and text for any application. It can print ascii text of any length or dump any part or all of a rastport. Takes care of opening the printer device and manages its own resources. Version 0.1, binary only, with source code examples. Author: Jeff Glatt, Dissidents Software FF393

PrintSpooler EXECUTE-based printspool program. AM8

PrintStudio Very nice intuition based general purpose print utility that prints text with a variety of options. Prints several graphic formats with yet more options. Print any part of a picture, print screens and windows, save screens and windows as IFF files, modify color palettes, change printing parameters and lots more! This is version 1.25, an update to version 1.2 on disk 366. Shareware, binary only. Author: Andreas Krebs FF402, FF366

PrivHndlr A privilege violation handler for the 68010 cpu. Like Decigel, but survives a reboot so you can use it with copy protected programs that run from boot. Version 3, includes source in assembly code. Author: John Veldthus FF230

Proc Example program of how to create a full-fledged DOS process without needing to call LoadSeg first. Based on an idea presented at BADGE. Includes source. By Leo Schwab FF236

ProCalc A program that simulates an HP-11C programmable calculator. Lots of enhancements and bug fixes in Version 1.2, binary only, shareware. Author: Gotz Muller FF172, FF139

proctest Sample code to create a process, set up message ports, pass messages, etc. Sample slave code for create process test (littleproc.c) currently does not link under either Lattice C 3.02 or 3.03 (unresolved global variables not in libraries) By Rob Peck FF5

ProDrivers AmigaDOS 1.3 printer drivers for the IBM 4201 and 4202 series of printers. Version 1.0, binary only. Author: David White FF451

proff Another text formatting program. This one is significantly more powerful than any of the others previously distributed on these disks. FF9

ProffMacros Subset implementations of the Berkeley 'ms' and System V 'mm' macropackages, for the proff program. Author: Tony Andrews and George Walker FF46

Profiler A real time execution profiler for Manx 3.30E. Using this you can identify what sections of your program are using the most time, or being executed the most, and optimize as appropriate. I was able to double the speed of some programs by using this tool. Includes source. Author: Tomas Rokicki FF48

Programming in C on a Floppy System: Begin to develop programs in C with just one megabyte of RAM. Author: Paul Miller. AC11

ProgUtils Some miscellaneous programming utilities and examples. With source in assembly. By Jorrit Tyberghin FF302

ProjMot A projectile Motion plotter. Plots the path of a projectile fired with a variable initial velocity and angle. Display can be scaled, and time can be accelerated. The program returns the distance traveled and the time it took. This is version 1.01, includes source. Author: Chris Hopps FF453

Graphic Arts
Desktop Video
Word Processing
Desktop Publishing
Music
Education
Business & Home Productivity
Programming
Utilities
Entertainment
Miscellaneous Software
Drives
Memory Expansion
Accelerators
Video Hardware
Miscellaneous Hardware
Accessories & Services
Books & Tapes
CDTV
PDS Guide
AMICUS Index
Fred Fish Index
Vendor/Product Registration
AC Back Issue Index
User's Groups
Vendor Information
Product Index by Product
Product Index by Vendor
Category Index
Last Minute Additions

PropGadget Example code for using proportional gadgets, written in assembly code and C, that can be called from your own application. Includes source. Author: Jerry Trantow FF269, AM21

ProSuite This is the Amiga Programmers Suite Book 1.01. The suite provides example code of facilities that every programmer needs (such as FileIO Requester), provides examples of new facilities (such as XText and DoRequest), and provides a tutorial on how to program the Amiga. With source. By R.J. Mical FF107

prtbase.h Printer device definitions. C program. AM4

PrtDriver A printer driver for the Toshiba '3 in one' printer in its Qume (best) mode. Includes source in C and assembler. By Rico Mariani FF128

PrtDrivers A couple of new Printer Drivers. One for Digital Equipment's LN03+ laser printer, and one for Mannesmann Tally's MT420d dot matrix. Authors: DEC LN03 — Bernie Mentink MT420d — Sascha Wildner FF164

PrtDrvGen Program to automatically generate custom printer drivers. Version 2.2b, binary only, source available from author. Author: Joergen Thomsen FF90, FF60

PrtDrvGen2.3 Latest version of a printer driver generator. AM22

PrtSpool A DOS handler, a print program, and a control program that implement a print spooling system. Like PRT-, the DOS handler waits for stuff to be sent to it to be printed. The print program does line numbering and page headers. The control program handles administrative functions. Binary only. By Daniel Barrens FF216

Ps A program to display process priorities and another program to set a process's priority to any arbitrary valid value. Very useful to provide finer control over your multitasking environment. Author: Dewi Williams FF26, AM11

PsIntrp A postscript interpreter that reads postscript files and previews them on an Amiga screen. Interactive input and output takes place in a small window. The page to be shown is composed behind the window in an interlaced screen with 16 colors. Can also take input from a file. With assembler source. By Greg Lee FF101

PSound SunRize Industries' sampled sound editor & recorder. AM15

PSX A public screen manager for AmigaDOS 2.0. Lets you open, manipulate, and close public screens, set the global public screen bits, and provides a good example of using GadTools and ReadArgs. Includes source. Author: Steve Tibbett FF418

PtrAnim Program, includes lots of samples, a utility program and instructions on creating your own animations. Be sure to also read the 'Disclaimer' in the author's ReadMeFirst file. Binary only, shareware Author: Tim Kemp FF170

PubScreens Two utilities to manipulate public screens. You can open and close them, or ask for information. PublicS is the workbench version of PubScreen. AmigaDOS 2.0 only. This is version 1.0, binary only. Author: Jorrit Tyberghein FF418

Purty Provides an easy way to change some common printer settings via a small window with several gadgets. Binary only. Author: Charles Tyson FF66

PushOver A neat little board strategy game, in AmigaBASIC. Push your pieces onto the board until you get five in a row in any direction. Includes source. Author: Russ Yost FF122

PUZZ Very nice implementation of the sliding-block-puzzle concept. Good graphics and the ability to create your own puzzles using an IFF ILBM file and a text file. Includes source and several sample puzzles. Version 1.0. Author: Martin Round FF362

Puzzle Simulation of a puzzle with moving square tiles. Executable only Author: Bill Beogelein FF32

PuzzlePro Create a puzzle from an IFF picture, which the user can then piece back together again. Written in AmigaBASIC. Version 1.0, binary only, shareware, source available from author. Author: Syd Bolton FF122

PW_Utility A shareware utility for ProWrite users, changes margin settings and font types. AM25

PWDEMO Demo version 1.2 of the commercial product. FF71

Pyro A screen blanking program that goes beyond the normal blanking process. When there are no input events, pyro takes over and starts a little fireworks display in color. V1.1, binary only. Author: Steve Jacobs and Jim Boyd FF199

Pyth A program to draw the Tree of Pythagoras. Version 1.1, includes source. Author: Andreas Krebs FF238

Pz15 Computer version of those cheap plastic puzzles with 15 white tiles numbered 1 through 15 and an empty square in a 4 by 4 arrangement. This one is more challenging since you can't solve it by just prying out the pieces. With source. By Mike Hall FF191

QBase Quick-Base is a 'MailBase Management utility', that lets you define and maintain records of your family, friends, and other associates. Currently a maximum of 200 records per file. Binary only. Author: Kevin Harris FF98

QMan Mandelbrot generator written partially in assembly for speed. Includes source. Author: Steve Bonner FF130

QMouse A very small mouse accelerator (4K) written in assembly language, but with most of the features of its larger cousins. Not related to QMouse on disk 49. This is version 1.6, shareware, binary only. Author: Lyman Epp FF262, FF49

qsor.asm UNIX compatible qsor() function, source and C test program. Assembler program. AM2

Q12 A cute program that gives the time the way many people actually do, I.E. 'it's nearly ten to five'. Includes source in assembly. By Charlie Gibb FF186

Quantizer FLCLQ color quantizer which converts 24 bit true color images into 256, or less, color images. Uses a fairly sophisticated algorithm, mixing median-cut, popularity, and a custom algorithm. Includes a version for Amiga's with a math coprocessor. Version 1.0, shareware, binary only. Author: Christophe Labouisse and Frederic Louguet FF416

Quattro Another Tetris like program. Has three levels of play difficulty, sound effects, a 43-color background, next stone preview, and joystick or numberpad control. Version 1.0, binary only, source available from author. Author: Karl-Erik Jenss FF230

QueryAny Simple program for use in CLI scripts to query for yes/no decisions. Includes assembler source. By Mark Smith FF79

queryWB asks Yes or No from the user returns exit code. Source code and executable program. AM14

Quick A utility program specifically targeted at hard drive users to eliminate the frustration of launching programs on the Amiga. It eliminates the need to open Workbench windows and/or remember and type in long pathnames to executables. Version 1.0, binary only. Author: Greg Gorby FF453

quick A quick disk-to-disk nibble copier. Executable program and documentation. AM12, AM1

QuickCopy Three versions of quickcopy, a nice little full disk copier. Two of the versions are capable of making backups of 'protected' Electronic Art's disks. By Dave Devenport FF35

quickEA Program copies Electronic Arts disks, removes protection. Executable program and documentation. AM12

QuickFlx An IFF slideshow and cel animation program that takes full advantage of the Amiga's multitasking operating system, supports all the graphics modes, can run with internal timing or be triggered by an external source, caches images in memory to achieve rapid frame rate, etc. V 0.13, binary, shareware. By Jeff Kunzelman, Rodney Iwashina, Takeshi Suganuma FF106, AM24

QuickHelp A utility that helps you make and display your own help files for commands. Disk space usage is minimized by using PowerPacker to crunch the help files. Version 1.2, binary only. Author: Jorrit Tyberghein FF302

QuickHelp With the QuickHelp utilities you can make your own help files like man in UNIX (it is not compatible however). AmigaDOS 2.0 only. Version 2.0, binary only. Author: Jorrit Tyberghein FF420

QuickReq An 'Ask utility' to replace the 'ask' command from AmigaDOS. QuickReq can load arguments from files thus making it possible to handle long questions and texts. Also supports optional line breaks in BodyText, an option to center text to window, DisplayBeep when requester is activated, setting your own FrontPen number, specifying requesters width and height and all kinds of overscan displays. First public release. Version 2.0, includes source. Author: Markus Aalto FF457

Quiz A simple Quiz game. Current quiz subjects include Bible, Indians, New England, Physics, and States. Binary only. Author: J. Dale Holt FF417

QView A very small file view program (only 3K) written in assembly language, but with most of the features of its larger cousins. V 1.1, shareware, binary only. By Lyman Epp FF262

RadBoogie This demo, which won 7th place in the 1989 BADGE Killer Demo Contest, uses almost all features of the Amiga extensively, including the copper, blitter, sprite hardware, 68000 machine language, and preemptive prioritized multitasking. With source. By Dave Quick, Mark Riley, Tomas Rokicki FF269

RainBench Simple program which cycles the hardware color register to get an interesting effect on your workbench screen. Binary only. Author: Brendan Keliher FF90

RainBow Marauder-style rainbow generator. Installs a user copper list such that the background color is changed every few scan lines. Includes source. Author: John Hodgson FF58

RAMCopy A copy program designed for machines with 1 meg or more of RAM and only one disk drive. Allows you to copy a complete disk in only one pass. Author: Stephen Gunn FF165

RAMdisks Text file with tips on setting up your RAM disk. AM1

RAMSpeed Program to measure raw memory speed, comparing the internal to the external memory. By Perry Kivolowitz FF31

Random Random number generator in assembly. Much faster than versions using floating point. Can be used by either assembly or C programs. Author: Steve Beats at Commodore-Amiga FF20

Random Simple random number generator in C. Includes source. Author: Gene Toole(?) FF74

random-circles One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

RandSam Plays random soundsamples at random times, with random volume, random cycles, and a bit random period. It will definitely catch the attention of the unsuspecting Amiga user (particularly one that has the stereo turned up!) when a lion suddenly roars as they're typing away on their favorite word processor! User modifiable start-up configuration file. Include source and some sample sounds. Author: Steven Lagerweij FF363

RatMaze 3D rat maze game in AmigaBASIC. AM8

raw Example sample window I/O. C program. AM1

RawIO Example of how to set your standard input to what is commonly known as 'raw' and/or 'CBREAK' mode on UNIX systems. Includes source. Author: Chuck McManis FF85

RayTracePics Ray tracing pictures, some of which appeared on FF39, but now in IFF HAM format for MUCH faster loading and compatibility with existing IFF tools. Author: Dave Wecker FF44

RayTracer A simple ray tracing program. It is capable of depicting up to 150 balls and a plane that is covered with a tiling of any bit mapped picture. Binary only and sparse documentation. Author: Friedrich Knauss, Steve Williams, Jim Horn and Mark Reichert FF66

RCS The Revision Control System (RCS) manages multiple revisions of text files. RCS automates the storing, retrieval, logging, identification, and merging of revisions. RCS is useful for text that is revised frequently, for example programs, documentation, graphics, papers, form letters, etc. This is an update to

RCS version 1.2 on disks 281 and 282, and includes only the files that have changed. Author: Walter Tichy. Amiga port by Raymond Brand and Rick Schaeffer. FF451, FF281&282

Reader A program to scan a word list to locate which words can be made from the letters given. Allows matching of words by length and by giving the letters known, i.e. m.t.h for the word MATCH. Great for word games and crosswords. Results output to screen and a RAM: based file. The word list is in ascii and so can be edited if desired. New words can be added and it could be used for different languages if required. Supplied with over 24,200 words (mostly English spellings). Version 1.0, includes source. Author: Gary Britain FF432

Readme One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

ReadmeMaster A nifty little database for finding those programs that you know exist somewhere (??? in the AmigaLibDisk library. Maintains a keyword dictionary of the Contents descriptions that allows searching by disk number, program title, author's name, or some other descriptive word. Currently supports disks 1-360, an update to the version on disk number 163. Binary only. Author: Harold Morash FF390, FF163

Record-Replay A program that records a sequence of mouse and keyboard events as they occur and stores them in a file. The file can be played back to cause the same sequence of events to occur again. Very useful for creating demonstrations of programs or documenting repeatable bugs. This is version 2.0, an update to the version on disk 95. Shareware, binary only. Author: Alex Livshits and J.-M. Forgeas FF105, FF95

RecurDir A recursive directory program that is useful as an aid in ZOOing files in nested directories. Allows one to easily ZOO the complete contents of a disk. With source. By Stephen Vermeulen FF284

Redaktu A PostScript program which runs on PixelScript to edit other PostScript programs. Several examples and a detailed explanation are included. Author: John Starling FF454

ReDate Scans a disk and dates each directory according to the most recent item contained within (not including .info files). Ideal for use after a COPY ALL CLONE, where the directories are CREATED rather than copied and thus lose their date information. Includes source in assembler. Author: Jim Butterfield FF358

Regex An Amiga shared library version of the GNU regular expression package from the Free Software Foundation. A regular expression is a concise method of describing a pattern of characters in a string. By use of special wildcards, almost any pattern can be described. A regular expression pattern can be used for searching strings in such programs as editors or other string handling programs. Version 1.0, includes source. Author: Edwin Hoogerbeets, FSF, Jim Mackraz FF248

Regexp A nearly-public-domain reimplement of the V8 regexp(3) package. Gives C programs the ability to use egrep-style regular expressions, and does it in a much cleaner fashion than the analogous routines in SysV. With source. By Henry Spencer FF179

RegExpLib Shared library that implements regular expression pattern matching. Version 1.0, binary only. Author: Stephen Moehle FF444

regintes.c Region test program. C program. AM4

region Demonstrates how a drawing area can be split into linked rectangular regions. Draws a rectangle in a single playfield display, then draws 'Behind a Fence' several times behind an apparent fence in the rectangle. Only works under Lattice Ver3.03. Author: Rob Peck FF5

RemapIcon A utility to remap icons to be exchanged between Kickstart 2.0 and Kickstart 1.2/1.3 Workbench environments. The icon images are remapped to reflect the different colour palette used by the Workbench releases. Version 1.0, includes source. Author: Olaf Barthel FF372

REMCr V1.00 Utility to remove CR's in files FF168 & 169

RemLib Removes a specified library (if currently unused) or displays some information about all available libraries. Version 1.11, includes source in assembler. By Heiko Rath FF178, FF139

RemoteLogin A couple of programs which make possible remote access to your Amiga. One program checks the serial port for an incoming call, and starts a program when it is detected. The other is a password protection program which allows starting various programs based upon login id, thus providing some minimal security for your computer. With source. By Dave Kinzer FF247

RepString Nice little CLI utility to replace any type of string in any type of file with another string of any type. V1.0, binary only, shareware. By Luciano Bertato FF180

ReqAztec An enhanced version of the interface to req.library for Aztec C 5.0. Includes source in assembly. Author: Pierre Carrette. FF419

ReqLib A runtime, reentrant library designed to make it easier for programmers to use powerful, easy to use requesters, for communicating with users. Includes such functions as a color requester, file requester, message display requester and many functions to make the creation of gadgets for your own custom requesters easier. This is version 2.5, an update to version 1.2 on disk 400. Binary only. Author: Colin Fox and Bruce Dawson FF419, FF400

Requester A file name requester that looks like the one used in Deluxe Paint, and a sample program for using the requester. With source. By Kevin Clague, enhancements by Randy Finch FF84, FF34, AM9

requesters Sample program and documentation for building and using requesters. John worked REAL hard to dig out all the information in this one! Author: John Draper (aka 'crunch') FF1

Resident A resident startup module for Aztec C. Version 1.0, includes source. Author: Olaf 'Olsen' Barthel FF396

ReSourceDemo A demo version of ReSource, an interactive disassembler for the Amiga. This is a complete version except that the 'save' features have been disabled. This is version 3.06. Binary only. Author: GlenMcDiarmid FF232, FF192

Retab Useful command-line 'tab-to-space' and 'space-to-tab' expansion utility. Several command-line options to specify size/ settings and the ability to protect material enclosed by delimiters (quotes, brackets, carats, etc.) from expansion. Version 1.03, binary only. Author: Paul Klink FF389

RevBut Another InputEvent hack, giving you a toggling right mouse button. V 1.0, with source. By Michael Balzer FF332

Reversi Plays the classical reversi game on an 8x8 square field. Version 2.0, an update to version 1.2 on disk 245. Includes source in assembly language. Author: Marc Fischlin FF305, FF245, FF38

RexxArpLib A library which originally was supposed to be an ARexx interface to the ARP library. However, it has also become an interface to various Intuition functions, containing over 50 functions including a file requester, string/boolean requester, environment variable functions, simple message window, wildcard expander, etc. V2.3, an update to FF178. Binary only. Author: W.G.J. Langeveld FF227, FF178

RexxHostLib This is a shared library package to simplify the ARexx host creation/management procedure. Rexx-message parsing is also included making it possible to control ARexx from programs such as AmigaBASIC (can you imagine AmigaBASIC controlling AmigaTeX?). This is version 36.14, an update to version 34.12 on disk 355. Differences include a few bug fixes and new functions. Includes source. Author: Olaf Barthel FF403, FF355, FF325

RexxIntuition This is a ARexx function library that allows you to open windows/screens from an ARexx script, attach menus, gadgets, (file) requesters, load and save ILBM picture files, auto-requesters, print text and graphic dumps, and completely interact with the user in an intuition environment. Adds all of those Amiga features that ARexx lacks. Author: Jeff Glatt, Dissidents Software FF463, FF393

RexxLib A shared library that can be easily used by any C or assembly programmer to add an ARexx interface to his programs. Handles all of the messy details including message creation/deletion and error handling. Author: Jeff Glatt, Dissidents Software FF463, FF393

RexxMathLib A library which makes various high level math functions such as sin, tangent, log, etc. available in ARexx. V1.2 and 1.3, binary only. Author: W.G.J. Langeveld FF227

RexxPIPlot A library of C functions useful for scientific plotting on the Amiga. The library is Lattice C compatible. Contour plotting, three dimensional plotting, axis redefinition, log-log plotting and multiple subpages are a few of PIPlot's features. The plots can be displayed on a monitor or sent to a graphics file for subsequent printing. This is RexxPIPlot version 0.3, an update to PIPlot version 1.00 on disk 222. New features include an ARexx interface, support for IFF output, support for PostScript output, support for Preferences, some new functions, bug fixes, and more. Includes source. Author: Tony Richardson, Samuel Paolucci, Glenn Lewis and Tomas Rokicki FF306

rgb One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

rgbtst One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

Rhodes piano Sound demonstration icon-driven part of a set on AMICUS 10 AM10

RickParksArt A collection of artwork from one of the leading Amiga artists. Includes 'Bryce', 'Clipper', 'Einstein', 'Falconer', 'Lincoln', 'Lion', 'Mickey', 'Norman', and 'Stymie'. Superb hand drawn images with lots of detail. Author: Rick Parks FF426

Ripples This animation is one of Allen Hastings' entries to the Badge Killer Demo Contest. Unlike most other animations, it shows a fixed object from a moving point of view, rather than a moving object from a fixed point of view. By Allen Hastings FF127

RistiNolla A Finnish game. The name means something like CrossZero, and is also called Go-Moku. Version 1.0, shareware, binary only. Author: Mika Pihlajamaki FF106

RKMCompanion A two disk set of material created by Commodore for use with the 1.3 revision of the Amiga ROM Kernel Reference Manual, Libraries and Devices, published by Addison-Wesley. Almost 300 files, including C source code examples and executables, have been packed into two Ihard archives, one for each disk of the two disk set. These examples are not public domain, but may be used and distributed under the conditions specified in the copyrights. Author: Commodore Business Machines, Inc. FF344

RoadRoute Trip planner program to find best road route between any two points of travel. Features include the user customization of CITIES and ROADS files to suit travel interests and provision for very large city menus and itineraries. Also includes RoadScan, a checker for RoadRoute files (CITIES and ROADS). Very large files may contain goofs (cities with no roads, the same road entered twice, etc.), or oddities (direct road not as fast as multipoint). These are pointed out, together with areas where users might wish to make economies in the data base. Version 1.6, an update to version 1.5 on disk 358, includes source. Author: Jim Butterfield FF396, FF358, FF328, FF251

Robert Grey scale digitization of a startled young man, an IFF picture. AM7

Robot A picture of a robot arm grabbing a cylinder. AM12

Robot IFF picture of toy robot. AM7

Robotroff Another of Leo's cute little display hacks. This one has a definite attraction to pointers (don't want to spoil the surprise) Author: Leo Schwab FF59

Rocket Another interesting Workbench display hack. This one is really a game in disguise. It is the same as the one on FF82, but also includes source. Author: Peter daSilva FF85, FF82

Rocket Another program in the long tradition of screen hacks. This one zeroes in on your mouse pointer. Binary only. Author: Lars Clausen FF303

roff A 'roff' type text formatter, roughly following 'Software Tools' version. Somewhat upwardly compatible with UNIX 'nroff' command. Author: Ken Yap FF3

Graphic Arts
Desktop Video
Word Processing
Desktop Publishing
Music
Education
Business & Home Productivity
Programming
Utilities
Entertainment
Miscellaneous Software
Drives
Memory Expansion
Accelerators
Video Hardware
Miscellaneous Hardware
Accessories & Services
Books & Tapes
CDTV
PDS Guide
AMICUS Index
Fred Fish Index
Vendor/Product Registration
AC Back Issue Index
User's Groups
Vendor Information
Product Index by Product
Product Index by Vendor
Category Index
Last Minute Additions

RolandD110 A program to transfer sound samples between the Amiga and a Roland D-110. Version 1.0, binary only. Author: Dieter Bruns FF255

RolandS220 A program to transfer sound samples between the Amiga and a Roland S-220. This is version 2.0, an update to MIDIsoft version 1.0 on disk 199. Includes several enhancements. Binary only. Author: Dieter Bruns FF255

RollOn A Soko-Ban like shareware game, submitted by the author. Includes both English and German versions, a level editor, and digitized sounds. Version 1.1, binary. By Tobias Eckert FF302

ROMWack Text files with tips on using ROMWack. AM1

ROR AmigaBASIC boggling graphics demo. AM8

ror One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

Rord One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

Roses A program that draws sine roses. Implements an algorithm given in the article 'A Rose is a Rose...' by Peter M. Maurer in American Mathematical Monthly, Vol 94, No. 7, 1987, p 631. A sine rose is a graph of the polar equation ' $r = \sin(n \cdot d)$ ' for various values of n and d . By Carmen Artino FF345

ROT C version of Colin French's AmigaBASIC ROT program from Amazing Computing. ROT edits and displays polygons to create three dimensional objects. Up to 24 frames of animation can be created and displayed. E-D AM18

Rot Program which generates and displays 3D objects. Consists of two pieces, an object editor and an action editor. The object editor creates 3D objects and the action editor defines up to 24 3D views of an object (which can be quickly cycled to get an animation effect). Version 0.5, binary only. By C. French FF71

Rounding Off Your Numbers: Programming routines to make rounding your numbers a little easier. Author: Sedgwick Simons AC9

RPSC A reverse polish scientific calculator. RPSC is a programmable RPN calculator in the Hewlett-Packard tradition. It supports operations with real numbers, complex numbers, matrices, and 3-D vectors, as well as storage and recall of labeled variables. Data and programs may be saved, loaded, or written as ASCII text, to AmigaDOS files. V1.1, binary. By Gary Teachout FF250

RRamDisk Another recoverable ram disk. This one supports up to 32 units and can be autobooted. Unused sectors are deleted from memory. The ram disk can be formatted, copied to, or used just like a normal disk drive. Binary only. Author: Bob Dayley FF451

RSLClock Yet another nice little clock utility that can sit around in your title bar. Lots of options. Version 1.3, binary only. Author: Roy Laufer FF67

RTCubes A little graphics demo that shows 16 3D cubes in a 3D space, all being translated, rotated, and drawn on the screen in real time. Binary only, takes over the machine, reboot to recover. Author: Ralph Russell FF67

Rubik Another 3D Rubik's cube solver independently authored from the version on disk #285. Version 1.0, includes source. Author: Martin Round FF362

Rubik Translation to C of a Rubik's Cube solver program originally written in Basic by John Murphy. Includes versions to do an 'unwrapped' 2D solution, and a more visual 3D solution. Version 0.0, includes source. Author: Roger Uzun FF285, FF29

RunBack A very compact version of the popular utility for starting a CLI process in the background, without preventing the CLI window from closing. This version is pure and only 468 bytes long. Requires the NULL: device, which is included. Using NULL: makes it more flexible and robust than older RunBacks. Can optionally delay up to nine seconds after starting the command. Includes source in assembly. Author: Paul Kienitz FF429

RunBack Allows you to start a new CLI program and run it in the background, then closes the new CLI. This is version 6, an update to the version on disk 152 (the version on disk 214 appears to be on a different evolutionary path). This version compiles under Lattice with many optimizations enabled, and can be made resident. Includes source. Author: Rob Peck, Daniel Barrett, Greg Searle, Doug Keller FF240, FF214, FF152, FF65

RunBackGround Ancient history, but when I went looking for it on my disks, it was apparently something I missed. This program performs a function similar to that performed by RunBack on FF66, but this one is in C rather than assembler. Includes source. Author: Rob Peck FF73

Running A classical maze and puzzle game. You run around in a maze and try to catch the ghosts or spiders. It is completely multitasking friendly and compatible with AmigaDOS 1.2/1.3 and 2.0. You can design your own levels. Binary only. Author: Jorrit Tyberghein FF418

Rxgen An ARexx library that allows you to call any function of almost any Amiga library from an ARexx program. This is version 1.0, binary only. Author: Francois Rouaix FF459

Rxdl An ARexx interface library that makes it easy for programs to implement a complete, robust ARexx interface with minimal effort. Version 1.0, includes source. Author: Don Meyer FF299

S220to8SVX Converts sound samples from a Roland S-220/S-10/MKS-100 to 8SVX IFF 8-bit samples. Version 1.0, binary only. Author: Dieter Bruns FF286

Sabotage Sort of an adventure game. A Basic program. AM3

sabotage One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

SafeBoot Very handy intuition-based program to read and save custom bootblocks. The bootblock can then be later restored should the disk become virus-infected. Version 2.2, binary only. Author: Mark Lanoux FF175

SafeMalloc Ever have a program that corrupts its own memory? Well, this little gem can help you find the problem in a hurry. Acts as an interface between your program and the real malloc, checking for overrun, under run, and duplicate freeing of malloc'd space. Author: Bjorn Benson, modifications by Fred Fish FF27

salestalk One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

Sam Another IFF sound player with several command-line options, plus several samples. V1.0, binary. By Nic Wilson FF182

SAMP An IFF sampled sound format designed for professional music use. It can be used for 16-bit samples, multiple waveforms, etc. Includes a SAMP reader/writer shared library, interface routines, and programming examples. Includes a program to convert 8SVX to SAMP. By Dissidents Software FF348

Samp Documentation and interface library for an IFF FORM SAMP, 16-bit sampled sound file format. This format allows more than one waveform per octave, and the lengths of different waveforms do not have to be factors of 2. Includes a utility to convert 8SVX files to SAMP format. Version 1.0, binary only. Author: Jeff Glatt FF307

samplefont A sample font that produces clubs, hearts, spades, and diamonds as its four characters. Shows precisely what is contained in an Amiga font. Author: Unknown FF5

SampleScanner By-passes the Amiga Dos file system and scans a disk directly, block by block, for sound samples. Allows you to hear the disk as it is being scanned. If a sample is found, it can be saved to disk for editing, direct use, etc. Author: Steven Lagerweij FF363

Sand This program has 'magnetic grains of sand' that follow the pointer wherever it goes. Cute. Binary only. Author: Eric Vaughan FF82, AM21

SASTools Various submissions from 'Sick Amiga Soft'. Includes some virus tools, some screen hacks, some small

games, and miscellaneous utilities. Includes source in assembly and Modula-II. Author: Jorg Sixt FF338

Saturn An IFF picture. AM6

Saucer Simple shoot-em-up game. A Basic program. AM1

SaveLBM This program saves any screen as an IFF pic. Executable program and documentation. AM8, AM7

saxophone Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Sb Structure browser, that displays system structures via pointers found in other structures. You start from IntuitionBase and go from there. Version 1.0, includes source. Author: Nick Sullivan and Chris Zamara FF69

SBackup Programmers utility to assist in maintaining old versions of source code. SBackup maintains 2-99 old versions in any location desired. Version 1.00e, binary only. Author: George Kerber FF432

SBall A game using the joystick to control a 'bouncing ball'. Binary only. Author: Hertzog Wolfgang and Meisner Christian FF461

SBProlog V1.a Volume 1 of the 2 volume Stony Brook Prolog (SBP) distribution, version 2.3.2. This volume contains the executables and libraries. Volume 2, on FF 141, contains the C and Prolog source code. From the SB-Prolog System, Version 2.2 User Manual: 'SB-Prolog is a public-domain Prolog system for UNIX(tm) based systems originally developed at SUNY, Stony Brook. FF140

SBProlog V1.b The core of the system is an emulator, written in C for portability, of a Prolog virtual machine that is an extension of the Warren Abstract Machine. The remainder of the system, including the translator from Prolog to the virtual machine instructions, is written in Prolog.' FF140

SBProlog V1.c In addition to providing a compiler, SB-Prolog also offers advanced features such as dynamic loading, mixing of compiled and interpreted code, macros, extension tables, a debugging facility offering two levels of tracing, profiling tools, and other utilities. Authors: Logic Programming Group at SUNY, Stony Brook Amiga port by David Roch and Scott Evernden FF140

SBProlog Volume 2 of the 2 volume Stony Brook Prolog (SBP) distribution, version 2.3.2. This volume contains the C and Prolog source code. Volume 1, on FF 140 contains the executables and libraries. From the SB-Prolog System, Version 2.2 User Manual: 'SB-Prolog is a public-domain Prolog system for UNIX(tm) based systems originally developed at SUNY, Stony Brook. The core of the system is an emulator, written in C for portability, of a Prolog virtual machine that is an extension of the Warren Abstract Machine. The remainder of the system, including the translator from Prolog to the virtual machine instructions, is written in Prolog.' In addition to providing a compiler, SB-Prolog also offers advanced features such as dynamic loading, mixing of compiled and interpreted code, macros, extension tables, a debugging facility offering two levels of tracing, profiling tools, and other utilities. Authors: Logic Programming Group at SUNY, Stony Brook Amiga port by David Roch and Scott Evernden FF141

Sc Program which demonstrates generation of good looking pseudo-random scenery. Includes source in C (translated from Draco version on FF61). Author: Chris Gray FF87

Scales Sound demo plays scales, C program in C source code and executable program. AM3

scales Demonstrates use of the Audio functions in the ROM to produce four voice sounds. It uses a simple waveform (sawtooth) with no amplitude control (ie, envelope) or frequency variation (ie, vibrato), but these can be easily implemented. Also includes considerable documentation on audio device. By Steven A. Bennett FF6

Scan CLI utility to display the individual character contents of any file. Displays the ASCII and Hex values, count and percentage of total along with actual character (if displayable). Listing is displayed on a console window or optionally written to an output file. Possible uses would be to scan files for binary characters, relative character counts, matching numbers of special characters, determining LF/CR configurations, etc. Version 1.0, includes source. Author: Dan Fish, console routine by Jim Cooper FF464

ScanIFF Scans through an IFF file, identifying the elements. Faster than standard utility IFFCheck since it uses Seek, but does not do IFFCheck's detailed format checking. Intended for use as a template from which programmers can code their specific application. For example, an expanded version has been used to extract instrument data from music files. Includes source in assembler. Author: Jim Butterfield FF358

Scanner Scanner makes commented C code of all intuition structures in memory. The structures will receive correct pointers towards each other. Scanner starts looking at IntuitionBase, and follows all pointers, storing them in memory. When finished, it writes all the structures to the standard output. Version 1.0, includes source. Author: Stefan Parmark FF218

Scanning the Screen: Part four in the fractals series. This article covers drawing to the screen. In AmigaBASIC and TrueBasic. Author: Paul Castonguay. AC7

SCAT V1.00 Utility to 'cat' binaries without blowing up the display FF168 & 169

Scat Another display hack, created from Le, AM180 Schwab's 'Ing' display hack. Binary only. Author: Stephen Pietrowicz FF81

SceneGenDemo Demo of a program called Scene Generator, that generates very realistic looking landscapes. This program is an enhanced, low cost commercial version, of the Scenery program included on disk 155. This is version 2.03, binary only. Author: Brett Casebolt FF299

Scenery A very nice assembly language random scenery generator. Generates very realistic looking landscapes. Includes intuition interface and lots of menu options. Version 1.0, binary only. Author: Brett Casebolt FF155

Scheme 'Scheme is a statically scoped and properly tail-recursive dialect of the Lisp programming language invented by Guy Lewis Steele Jr. and Gerald Jay Sussman.' Binary only. Amiga port by Ed Puckett FF149

ScienceDemos Some science demos. Sideréal is a tutorial program which introduces the user to the relationships between Julian and calendar dates and solar and sidereal times. J2000 is a utility program which converts stellar positions, proper motion, parallax and radial velocity from the standard epoch B1950 (FK4) to epoch J2000 (FK5). Galilean is a tutorial program which determines the position of the Galilean satellites relative to Jupiter. Programs courtesy of David Eagle at Science Software. FF27

SciSubr The Scientific Subroutine Package from DECUS, ported to the Amiga to run with Absoft Fortran. This is a valuable resource of mathematical and statistical source code for those doing Fortran work on the Amiga. Author: Unknown; ported to the Amiga by Glenn Everhart FF142

SCM Screen Color Modifier. A palette program that allows the changing/saving/loading of a screen's colors. Includes a separate loader program that can be used in batch files to set a screen's colors to predefined values after a program has been launched. Version 1.0, binary only. Author: Jean-Marc Nogier FF367

ScnSizer Sets the preferences data for increasing the window bounds, and takes effect immediately. Includes source. Author: Thad Floryan FF79

ScottDevice A mountable MicroForge SCSI driver. Supports one SCSI buss device with two hard disk units attached to it. Version 33.1, includes source. Author: Scott Turner FF84

Scrambler A simple program that will encode/decode a text file into illegible gibberish, which resembles executable code, to evade prying eyes. Version 0.01, Binary only. By Foster Hall FF148

Screen Saver: A quick remedy to prolong the life of your monitor. Author: Bryan Catley AC8

ScreenDump Dumps rasterport of highest screen/window to printer. Author: Carolyn Scheppner FF33, AM8

ScreenSave A program to save a normal or HAM mode screen as an IFF file. Also creates an icon for the saved file. Author: Carolyn Scheppner FF55

ScreenShare A library and support programs that enable applications to open up windows on other applications' custom screens. For example, your editor may want to open a window on your terminal emulator's screen so you can compose a message while still being able to see the

contents of the terminal's screen. Both applications must cooperate for the screen sharing to work. This is version 1.21. Includes source for interface portions. Author: Willy Langeveld FF308, FF246

Screenshift Screenshift is a small program that allows you to adjust the position of the screen on your display, just like the preferences function. Works from CLI or WorkBench. Includes source. Author: Anson Mah FF89

ScreenX A program designed to make getting at screens easier, particularly screens that are lost behind other screens that don't give you depth gadgets. You can pop them to the front, push them to the back, save the screen to an IFF file, print it, and even try to close it. This is version 3.0, an update to version 2.1 on disk 158. Binary only. Author: Steve Tibbett FF418, FF158

ScreenZap A utility that forcibly removes screens and windows from your system. Useful to get rid of zombie screens or windows that have been left around by aborted or buggy programs. This is version 2.3 and includes source. By Lars Clausen FF303, FF157

Scripper Short for 'Screen Image Printer'. A screen dump utility which can be run from the workbench or the CLI. Author: Perry Kivolowitz FF18, AM8

Script A script language that allows you to automate actions you would normally have to do manually. Script can do anything that you do manually, by either the mouse or keyboard, by using a set of commands that instruct Script to simulate specific mouse or keyboard actions. Also has an ARexx port, so it can be driven by ARexx allowing ARexx control over programs that do not have ARexx ports. Includes both a recorder to generate scripts and a player to execute them. This is version 1.20, binary only. FF288

ScrollDemo Demonstrates the text scrolling capabilities of AmigaBASIC. AM9

ScrollPf Creates and displays a 400 by 300 by 2 bit plane playfield on top of a 320 by 200, 2 plane deep playfield, as a demo of dual playfield display. Author: Carolyn Scheppner FF35

Scrub A floppy drive cleaning program which automatically detects which drive has a cleaner diskette in it. Spins it for thirty seconds while moving the heads around. Pure. Includes source. Author: Paul Kienitz. FF429

SCT A CLI-based utility (SetColorTable) for displaying and/or setting a screen's colors. You can save the colors of a screen to be restored later, or copy one screen's colors to another. Includes source. Author: aklevin FF151

SculptTools Programs to create objects for use in Sculpt 4D. Includes Brush_4D to convert IFF brushes to objects in full color with HAM and EHB support and wrap to various shapes (update to version on disk 361), Fractal_4d to create fractal mountains with various coloring from brush, checkers or based on altitude, and Spiral_4d to create a variety of objects based around tubes and helices. Binary only. Author: Bruce Thomson FF430

Sdb Simple database program, originally released on a DECUS VAX SIGtape. Unknown author, Amiga port by Mic Kaczmarczik FF33

SDBBackUp A hard disk backup utility. CLI interface only. Does file compression. Version 1.1, binary only. Author: Steve Drew FF128, AM26

SeaHaven Demo version of a solitaire type card game. The object of the game is to separate the deck into its four suits, each in an ordered stack from ace to king. Version 1.1, binary only. Author: Steve Francis FF260

SeaLance Game based on a Trident submarine simulator. You must use the weapons at your disposal to liberate the earth's cities from alien occupation. Binary only. Author: Jason Bauer FF462

Search Utility: A file search utility written in C. Author: Steven Kemp AC6

Sectorama A program designed to help Amiga users recover lost or damaged data from floppy or hard drives, or to repair a damaged volume. The author wrote this out of frustration with existing tools when he had multiple hard disk drive failures over the course of several months. This is version 1.1, an update to the version on disk 102. Binary only. Author: David Joiner FF108, FF102, AM24

Sed This is the GNU sed (stream editor) program, ported to the Amiga. Sed copies the named files, or the standard input, to its standard output, while performing certain editing operations specified in the command line script or in a scriptfile. Version 1.02, includes source. Author: Unknown; ported to Amiga by Edwin Hoogerbeets FF231, FF128

SeeHear A program to do a spectrogram of a sampled sound file. This is a graph with time on one axis, frequency on the other and the sound intensity at each point determining the pixel color. With source in C, including FFT routine. This is version 1.1. Author: Daniel T. Johnson FF335

Selector A program that helps you assemble programs on a boot disk and start them in a user friendly way. Version 2.5, binary only. Author: Nico Francois FF302

SendMorse Brush up on your morse code with this simple program that will read an input textfile and output the characters at an adjustable rate. Author: Joe Larson FF175

SendPacket General purpose subroutine to send AmigaDOS packets. Author: Phillip Lindsay FF35

SendPackets Updated versions of the ASendPacket and SendPacket examples from FF35. A SendPacket is an example program for sending multiple packets asynchronously to a DOS handler, for those interested in implementing programs with asynchronous AmigaDOS file I/O. SendPacket is a general purpose subroutine to send AmigaDOS packets. Includes source. Author: Phillip Lindsay FF66

SensoPro You try to remember and mimic the sound/color sequence played by the computer. Each time you get it right, another sound/color is added to the sequence. Great practice in case you ever find yourself in a 'Close Encounters of the Third Kind' experience. Binary only. Author: Peter Handel FF283

Sentinel A large ray-traced animation created with Turbo Silver SV, Deluxe Photolab, Deluxe Paint III, and the Director. It consists of approximately 60 to 70 frames of animation, rendered during a period of about three and a half weeks. This is Bradley Schenck's entry to the 1989 BADGE Killer Demo contest, and won first place in the contest. Because of its size, it has been split across two disks. The rest of the files are on disk 264. Requires 3Mb or more of memory to run. Author: Bradley Schenck FF263 & 264

serial Demonstrates access to the serial port. Requires an external terminal connected to the serial port. Author: Unknown FF5, AM5

serisamp.c Example of serial port use. C program. AM4

seritest.c tests serial port commands. C program. AM4

Set Replacement for the Manx 'set' command (to set or change environment variables) with several improvements. Author: Tomas Rokicki FF31

SetAlternate Merge the images from two icons to produce one icon with a primary image, and a possibly completely different image to display when selected. By John Toebes VIII FF12, AM8

SetClock A utility to set or read the hardware clock on a Spirit Technology memory expansion board. Works in a manner similar to the SetClock utility which is supplied by Commodore with Amigas that have hardware clocks as standard equipment. Includes source in PCQPascal and assembler. Author: Willi Kusche FF390

SetColors A Palette replacement program that does a lot more in only 3K. Can save and load color files, and update preferences. Includes source in C. Author: Pierre Carrette. FF419

SetCPU A program designed to allow the user to detect and modify various parameters related to 32 bit CPUs. Includes commands to enable or disable the text/data caches, switch on or off the '030 burst cache line fill request, use the MMU to run a ROM image from 32-bit memory, and to report various parameters when called from a script. This is version 1.60, an update to version 1.5 on disk 223. Includes source. Author: Dave Haynie FF400, FF223, FF187

SetFont Allows you to change the system font with various command-line options. Cleans up all known bugs in FF75. V2.5, includes source in C++. By Dave Haynie FF182, FF75, FF41

Graphic Arts
Desktop Video
Word Processing
Desktop Publishing
Music
Education
Business & Home Productivity
Programming
Utilities
Entertainment
Miscellaneous Software
Drives
Memory Expansion
Accelerators
Video Hardware
Miscellaneous Hardware
Accessories & Services
Books & Tapes
CDTV
PDS Guide
AMICUS Index
Fred Fish index
Vendor/Product Registration
AC Back Issue Index
User's Groups
Vendor Information
Product Index by Product
Product Index by Vendor
Category Index
Last Minute Additions

setjmp.asm setjmp() code for Lattice 3.02. in Assembler. AM2

SetKey Keymap editor, version 1.0 demo. Version without save function disabled is \$25. Binary only. Author: Charles Carter (CodeWorks)Vpg Video Pattern Generator. Creates displays useful for adjusting monitors and setting up live shots with center cross hair, frame, dots, H lines, V lines and an adjustable rectangle. Version 1.0. Author: Mike Berro FF70, AM18

setlace Program to toggle interlace mode on and off. When used with a black background, and amber or green characters, produces a nice CLI environment. By Bob Pariseau FF9, AM24, AM4, AM1

SetMouse2 Program to set the mouse port to either the left port or right port. Author: Robert Burns at Commodore-Amiga FF20

SetNoClick Very simple program to set the NOCLICK flag in the public section of a trackdisk unit. Only works with version 36 and up of trackdisk.device. Includes source. Author: Marc Boucher FF392

SetPALorNTSC A couple of utility programs for testing the suitability of a developed program in either the PAL or NTSC environments. With source and a sample program. By Peter Kittel FF162

setparallel Allows the CLI user to dynamically change any particular parallel port parameter. Author: Keith Stobie and Tom Pohor FF6, AM4

SetPrefs Allows you to build a whole library of preference settings and instantly switch back and forth between them. Affects all preference settings not just the colors. Very useful for machines with multiple users or multiple external devices. Includes Amiga's default and various sample preference settings. Binary only. Author: Martin Hippele FF157, AM18

SetRamsey A program that allows you to test the current settings of the RAMSEY ram controller chip on an Amiga 3000 under Kickstart 1.3 or 2.0, and change them if you wish. Useful for hardware debugging to control static column mode, burst mode, or change the refresh rate. Version 1.02, binary only. Author: Nic Wilson FF423

SetSerial.c Set the attributes (parity, data bits) of the serial port. C program. AM4

SetWindow C program makes windows for a CLI program to run under Workbench in source code and as an executable. AM8

SF2 File search utility. Default searching starts from the root directory of the specified device and descends down into its subdirectories. Searching includes looking into archive files generated by various compression utilities. Archive files ending with a .ARC, .LHZ, .ZIP and .ZOO are currently supported. Lots of command line options. Requires ARP 1.3 (rev. 39.1). Version 2.0, binary only, shareware. Author: Andrea Suatoni FF400

Sh Another version of the 'Sh' utility to unshar shell archives. Apparently corrects some problems encountered by similar programs. Until we can get everybody using some sort of 'standard', perhaps if we collect enough of these utilities, we will eventually find one that works with the particular archive we're trying to unshar! Includes source. Author: Jim Guilford FF174

shades One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

ShadowMaker Demo version of an Intuition based Font shadow generator. In seconds you can convert your favorite fonts into color fonts with professional video shadows built right in. The only restriction for this demo is that the final font height at SAVE times must be less than 40 pixels in height. Version 1.5, an update to version on disk 428. Binary only. Author: Stephen Lebars FF460, FF428

ShangaiDemo Demo version of the Activision game 'Shanghai'. Submitted directly by Activision for inclusion in the library. FF55

Shapes Simple color shape designer. ABASIC program. AM1

shapes One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

Shar Two programs to pack and unpack shell archives on the Amiga. Shell archives are the traditional Usenet method of bundling multiple text files for posting as a unit or for sending via electronic mail. With source in C. By Fabbian G. Dufre FF92, FF28

Shared Libraries 'C': C source and executable code that shows the use of shared libraries. Author: John Baez AC2

SharedLib Working example of how to build a shared library. Includes source. Author: James Sygne FF79

SharpFont is an 8 pixel non-proportional font. FF105

Shazam A picture viewer for Dynamic HiRes images created with Macro Paint, the 4096 color high resolution paint program from Lake Forest Logic. Version 1.1, includes two sample Dynamic HiRes images and source for display program. Author: Lake Forest Logic FF449

SHELL V2.10 Added environment variable support and more. Use ConMan if you want command line editing, I do (it should not be a function of the shell and it isn't in mine). FF168 & 169

shell A simple csh style shell with history and some other goodies. Still needs some polishing and enhancement, but is quite nice as it. Thanks Matt!!! We're really needed something like this for a long time. Now if you would just do a ksh version instead... Author: Matt Dillon FF14, AM2

Shm A simple graphics demo which approximately simulates the motion of two interacting pendulums. Includes source. Author: Chris Ediss FF97

ShortCut A utility that collects keystroke sequences and allows you to replace them with a single key stroke. Binary only. Author: Opher Kahane FF90

Show A nice, very small slideshow type program, version 2.1, binary only. Author: Andry Rachmat FF60

Show A very versatile program to display IFF ILBM files. Features realtime unpacking scroll, smart analysis of any IFF file, total control over display modes, simple slideshow processing, pattern matching, and a dozen other options. Only 9K. Version 2.0, binary only. Author: Sebastiano Vigna FF323

Show_PrintII Views and prints IFF pictures, including larger than screen. AM22

showbig Executable program which will view hi-res pics in low-res superbitmap. Documentation included. AM12

ShowBiz A fun animation with mice, a dancing alligator, a sheep on a trampoline, and more. Includes source in 'director format'. Author: Robert Corns FF261

ShowDisk A useful program that graphically shows the map of sectors used on floppy drives by one or more files. The mapping is color coded so you can identify what sectors are used by the various directories and files. Includes source in assembly language. Author: Bernhard Meisner FF269

ShowGadgets A simple utility to view all gadgets in a window. Includes source. Author: Jorrit Tyberghein FF420

ShowHAM Program to display HAM (Hold And Modify) mode images from the CLI environment. Executable only. FF32, AM7

ShowILBM: A program that displays lo-res, hi-res, interlace and HAM IFF pictures. Author: Russell Wallace AC5, AM7

ShowPrint A full-feature IFF picture file screen dump utility. Can display and print all sizes of pictures including those larger than the screen. Allows adjustment of printer output in three modes: ASPECT, FULL, and CUSTOM output. Print vertically or horizontally, in B&W, grey scale, or color, etc. Binary only. Author: Brian Conrad FF90, AM16

ShowPt CLI program changes your pointer to a given pointer. AM26

Shuffle A basic screen shuffler. Re-defines the key combination Left-Amiga-M to push the FRONT screen to the back, instead of pushing the Workbench screen to the back. Includes source. Author: Rob Eisenhuth FF229

shuttle One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13, AM8, AM1

ShuttlePatch A shuttle mission patch in an IFF picture. AM6

SID A very comprehensive directory utility for the Amiga that supports at least a couple of dozen different commands for operating on files. V1.06, binary only. By Timm Martin FF338

sign. This is an updated version of the program released on FF12, and now includes full source. Author: Barry Whitebook @ Commodore-Amiga FF14

SignFont A keymap and font that will allow the user to be able to type in American Sign Language, provided that one knows the font. Author: Glyn Gowing FF211

SiliCon A smart input line interpreter that provides a separate command window with full editing and recall of previous commands. Actual name is 'Sili(Con)'. Binary only. By Pete Goodvee FF102

Sim A simulator for register-transfer nets, which are used to describe hardware systems. This version also provides a compiler to define new devices in addition to Sim's internal devices. V4.2, an update to FF229. Binary only. By Gotz Muller FF291, FF229

SimCPM A CP/M simulator for the Amiga. Simulates an 8080 along with H19 terminal emulation. Includes source. This is V2.3, an update to FF109. By Jim Cathey; Amiga port by Charlie Gibbs and Willi Kusche FF186, FF109

SimGen This program will add a 2 or 4 color picture to your Workbench screen. If the picture is digitized, it will look much like a genlock, hence the name SimGen (Simulated Genlock). Binary only. Author: Gregg Tavares FF243

SimpleReq An example of a custom requester from Modula-2. AM11

singlePlayfield Creates and displays a 320 by 200 by 2 bit plane single playfield display. Completely covers Intuition's display, but gives the system back at exit. Author: Rob Peck FF5

singplay.c Single playfield example. C program. AM4

Sit An update to the Set Icon Type program from FF107. Version 1.10, includes source. Author: Stephen Vermeulen FF137

sitar Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Size CLI program shows the size of a given set of files. Executable program and documentation. AM19

SizeChecker Size checker uses a list of possible sizes of a file to check for unexpected changes in the size of those files. For example, it can be used to spot a link virus or to point out changes in the configuration of your system. With the appropriate comments added to your size list, you can check to see what version of the files you are using (1.2, 1.3, 1.4, ARP, etc). Version 1.0, binary only. Author: Roger Fischlin FF244

Sizzlers A series of graphics demo programs. Version 1.7.0, binary only. Author: Greg Epley FF90, FF50, AM15

Skel A skeleton workbench application that makes writing workbench programs easier. Provides routines for main, initialization and termination, gadget and menu handling, argument processing, help window, about requester, etc. Version 1, includes source. Author: Joel Swank FF304

sketchpad One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

SkewB Rubik cube demo in hi-res colors, C program in C source code and executable. AM3

skewb Not quite sure what this is supposed to be, it was downloaded from a BBS with no documentation. C'mon folks, at least put a three line description at the start of your programs! Author: Raymond S. Brand FF9

Skinny C Bob Riemersma's example for making small C programs. Source code, executable program, and documentation. AM19

SKsh A ksh-like shell for the Amiga. Some of its features include command substitution, shell functions with parameters, aliases, local variables, local functions, local aliases, powerful control structures and tests, emacs style line editing and history functions, I/O redirection, pipes, large variety of built-in commands, Unix style wildcards, Unix style filename conventions, filename completion, and coexistence with scripts from other shells. Very well documented. Version 1.6, an update to version 1.5 on disk 370. Includes several important bug fixes and a few minor new features such as command line cut and paste. Binary only. Author: Steve Koren FF381, FF370, FF342, FF309, FF291

skysetserial Allows the CLI user to dynamically change any particular serial port parameter. Author: Keith Stobie and Tom Pohorsky FF6

SlavicFonts A whole bunch of new fonts from Robin LaPasha. Version 1.0. Author: Robin LaPasha FF202

Slicer Slicer computes and displays images of the Mandelbrot and Julia sets. Unlike many Mandelbrot programs that generate pictures directly, Slicer computes and stores an array of raw data which it may then render into pictures in a number of ways. Version 1.0, binary only. Author: Gary Teachout FF249

SlideMaster A slideshow program that can show any IFF ILBM picture, including HAM, extra half bright, hires, interlace, and overscan, using several different wipes. Also has an ARexx port and is fairly small. Version 0.1, binary only. By Aric Caley FF274

SlideShow Very nicely done slide-show program written in assembly language. Features forward/backward presentation and creative screen wipes. Currently works only with IFF lo-res pictures. Executable only along with some new IFF pictures to have come my way. Shareware (\$16). Authors: Mike McKittrick and Sheldon Templeton FF151, AM6

slideshow Instructional text to produce your own slideshows from the Kaleidoscope disk. AM12

slot A slot machine game written in AmigaBASIC. AM11

SlotCars A fast action one or two player game of 'dueling' slotcars. Shoot rockets at your opponent and avoid his. Binary only. Author: Brian Moats FF254

SM Small utility to center the display. Recoded version of 'ScreenShift' by Anson Mah (Disk 88), only half the size. Includes source. Author: Anson Mah, Lattice V5.04 recoding by Oliver Wagner FF390

SmallC An Amiga port of the Small-C compiler, written by Ron Cain and published in Dr. Dobb's Journal, in about 1980. Small-C is a rather small subset of the full 'C' language. However, it is capable of compiling itself, and other small, useful programs. Requires an assembler and linker to complete the package and produce working executables. Includes source and binary. Author: Ron Cain. Amiga port by Willi Kusche. FF141

SmallClock A small digital clock in a window menu bar as a C program. AM8

SmallLib A replacement for amiga.lib that is about 8 times smaller. Binary only. Author: Bryce Nesbitt FF92

SMan A Mandelbrot generation program. Uses the mouse to select regions within borders of the Mandelbrot set to zoom up to magnifications of 10**19. Includes math coprocessor support and options to save images as an IFF file. Shows example of assembly programming of extended precision for the 68881. Includes source. Author: David McKinstry FF447

SmartFields SmartFields is a replacement for Intuition string gadgets. It allows you to incorporate into your Amiga C programs the powerful editing capabilities often found in mini-computers. Includes full C source and documentation. Author: Timm Martin. FF430

SmartIcon This shareware program, submitted by the author, is an Intuition objects iconifier. Version 2.0 is still limited to iconifying windows, which is still very handy. It adds a new 'iconify gadget' to each window, that when clicked on, iconifies the window into an icon in the ram: disk. This is version 2.0. Includes source. By: Gauthier Groult FF316, FF214, FF134

Smith-Corona D300 Printer driver for the Smith-Corona D300. AM9

sMOVIE A smooth scrolling text displayer, useful for creating video titles, slide show intros, etc. Includes source. Author: Martin Rodd FF362

Smus3.6a An enhanced version of the smus player that last appeared on FF58. Author: John Hodgson FF167

Smush Another display hack, feed it an IFF file and see what happens. Binary only. Author: Hobbie Orris FF81

SMUSPlay Amiga Music Player AM23

SmusPlayers Two SMUS players, to play SMUS IFF music formatted files. Executables only. Author: John Hodgson FF58

SNAG_Pointers Results of the Southern Nevada Amiga Groups (SNAG) first animated pointer contest. Authors: Various, pointer animation program by Tim Kemp FF364

Snake A variant on the old 'bouncing lines' program, this one uses multiple vertices and Bezier splines. Includes source. Author: KABjorke FF89

SnakePit A simple, yet addictive game in which you must get the snake (you) off of the screen. There are, however, some rough spots and some obstacles that may need to be overcome. Excellent example of a game that is as system friendly as possible (with source). By: Michael Sinz FF343

Snap A tool for clipping text or graphics from the screen, using the clipboard device. Snap finds out character coordinates automatically, handles different fonts, keymaps, accented characters, and more. V1.4, an update to FF274. Includes source. By: Mikael Karlsson FF326, FF274

SnapShot A small utility for dumping screens. This one works like POPCLI and stays dormant until you press Ctrl-Esc. Previous release on FF66 did not work with with expansion RAM, this one does. Binary only. Author: Francois Rouaix FF73, FF66

snare drum Sound demonstration icon-driven part of a set on AMICUS 10 AM10

SnipDemo Demo version 1.23 of signal processing program sold by Digital Dynamics. Binary only. Author: John Hodgson FF199

SnipIt An input handler wedge which allows you to clip text from any window and then paste that text anywhere, as though you had typed it on the keyboard. You mark the text you want to 'snip' using the mouse, and then use the mouse to 'paste' the last snipped text into the active window, requester, or anywhere. Version 1.2, includes source. Author: Scott Evernden FF217

SnoopDos A utility for monitoring AmigaDOS calls. In particular, it allows you to see what libraries, devices, fonts, environment variables or startup files a program is looking for. Very useful when you're trying to install a new application. Version 1.2, an update to version 1.0 on disk 388. Includes source in C. Author: Eddy Carroll FF451, FF388

Snow AmigaBASIC makes snowflake designs. AM25

SnowFall Another program in the long tradition of screen hacks for the amiga. Watch the snow fall, get blown around by the wind, and collect in realistic heaps. With source. By Lars Clausen FF303

Softballstats Maintain softball statistics/ team records. AM25

Softfont Converts portrait soft fonts for HP Laserjet compatible laser printers to landscape format. Includes source. Author: Thomas Lynch FF342, FF327

SoftSpan Soft Span BBS program. Intuitive, command-line based menu system with message bases, uploads, downloads, file credit system, extensive help system, etc. Version 1.1, an update to that on FF343, includes bug fixes and some enhancements. Binary only. Author: Mark Wolskehl FF374, FF343

Sol Amiga version of solitaire game posted to usenet some time ago and modified to use Amiga console control codes in place of curses calls. Includes source. Author: David Goodenough; Amiga port by Joel Swank FF103

Solitaire Two new ABASIC games, Canfield and Klondike. Author: David Addison FF32

SolitaireX A solitaire game. Features include all possible moves shown with a pulsing green box around the card, reshuffle, unlimited undo, and tournament mode. Binary only. Author: Stephen Orr, Gregory M. Stelmack FF448

Solve Linear equation solver in assembly language. Source code, executable program and documentation. AM19

SonixPeek A utility to let you list all the instruments used by one or more Aegis Sonix score files. It can scan individual files, or search one or more directories, checking all score files in each directory. The output is a list of all the instruments you need to have present in order to be able to play the indicated score files. Includes source. Author: Eddy Carroll FF217

sorte A quicksort based sort program, using separate driver and sort modules. Originally from a DECUS C distribution. Claims to be fast, but when operating entirely out of RAM takes 93 seconds to sort its input file, sort.c, while AmigaDOS's sort takes only 43 seconds under the same conditions. Author: Dave Conroy, Martin Minow, and Ray Van Tassle FF6

Sounddemos Some very nice demos for showing off the incredible audio power of the Amiga! 100% assembly language, make sure you have the stereo connected for these! Author: Foster Hall FF167

SoundEditor An 8SVX stereo sound file editor written in assembly language for speed and minimum size. This is V.98, an update to V.80 on disk 355. Many new features including a working digitizer, raw loads, raw mac loads, time markers, rate converters, delay, ramp, filters, scroll, and it will iconify. Binary only. Authors: Howard Dortch, Mike Coriell, Matt Gerald FF416, FF355

SoundExample A double buffered sound example for Manx C using 16-bit ints, small code, and small data. Author: Jim Goodnow FF55

Sounds Text explanation of Instrument demo sound file format. AM1

Sozobon-C Atari ST version of what appears to be a full K&R freeware C-compiler, assembler and linker. The compiler main pass and the assembler were compiled and tested on an Amiga A2000 with only minimal changes, and they appear to work (to the extent that they believe they are running on an Atari-ST), so an Amiga port should be relatively easy. By Sozobon, Limited. FF171

SpaceAceDemo Shareware shoot-em-up spaceship game. Binary only. Author: Stephen McLeod FF90

spaceart One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13, AM1

SpaceLog A database containing data for all of the man related space missions of the United States and the Soviet Union that were related to the development of manned space flight, from the beginning of the space age to the present (368 missions), listed in chronological order. Includes an AmigaBASIC program to manipulate the database. Version 1.54, binary only. Author: Gene Heitman FF305

SpaceWar A two player game with each player controlling a spaceship. The object is to shoot the other player, gaining one point for each kill. The game ends when a player reaches fifty points. Version 1.11, binary only. Author: Jeff Petkau FF420

Spades Amiga'ized version of the popular card game. This is a single player version, where you play one hand and the computer plays your partner and also your two opponents. Version 1.1, includes source. Author: Greg Stelmack FF392

sparks Graphics demo that draws a 'moving pathway', adding to the front and removing from the tail (sure is hard to come up with verbal descriptions of these things!) By Scott Ballantyne FF9, AM1

Spawn Programmer's document from Commodore Amiga, describes ways to use the Amiga's multitasking capabilities in your own programs. AM15

Speaker Speech utility. ABASIC program. AM1

Graphic Arts
Desktop Video
Word Processing
Desktop Publishing
Music
Education
Business & Home Productivity
Programming
Utilities
Entertainment
Miscellaneous Software
Drives
Memory Expansion
Accelerators
Video Hardware
Miscellaneous Hardware
Accessories & Services
Books & Tapes
CDTV
PDS Guide
AMICUS Index
Fred Fish Index
Vendor/Product Registration
AC Back Issue Index
User's Groups
Vendor Information
Product Index by Product
Product Index by Vendor
Category Index
Last Minute Additions

SpeakerSim Demo version of SpeakerSim 2.0, a loud-speaker CAD program. Simulates vented (Thiele-Small) and closed box systems. Also simulates 1st, 2nd, and 3rd order high and low pass filters. Binary only. By: Dissidents FF340

SpeakIt Speech and narrator demo. ABASIC program. AM1

speakspeech One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

speaktime Speaking program which will tell the time. Executable program and documentation. AM12

speech Sample speech demo program. Stripped down version of 'speechtoy' Author: Rob Peck FF1

speech.demo A simplified version of speechtoy. Also includes exec support functions for extended IO requests, CreateExtIO() to allocate and initialize a new IO request block and DeleteExtIO() to free an extended IO request block By Rob Peck FF5

speecheasy One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

SpeechTerm Terminal emulator that can speak the received text. Also has XMODEM file transfer. Author: Leftheris Koutsofios FF20

speechtoy Latest and greatest version of Dave's cute speech demo program. Comes with custom icon so you can be run from a workbench screen. Author: Dave Lucas FF5, FF1, AM4, AM1

Speed A performance benchmark useful for comparing Amiga processing speeds. Performs 10000 iterations of some selected groups of 68000 instructions while using the DateStamp time function to record how many ticks it takes to complete. This timed duration is then compared against two known prestored times, one for a stock A2000 Amiga and one for an A2620 enhanced A2000. A relative comparison is calculated and displayed. Version 1.0, includes source in assembly language. Author: Jez San FF237

SpeedDir Another faster directory lister type program. This one uses the standard dir utility format for displaying directories. Written in assembler, includes source. Author: Bryce Nesbitt FF75

Spell A port of a Unix version of a freely distributable screen oriented, interactive, spelling checker. Update to FF54, with enhancements by Tomas Rokicki. V2.0.02, with source. Author: Pace Willisson; enhancements by Tomas Rokicki FF191, FF13

Spelling simple spelling program in AmigaBASIC. AM8, AM1

Spew Program which generates amusing 'National Enquirer' type headlines. Works from a 'rules file' which describes how the headlines are to be constructed. Includes source. Author: Gregory Smith (original by 'mark@pixar') FF69

sphere One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13, AM1

Spiff Make controlled approximations between two files. Similar to 'diff' but more versatile. Allows for the handling of numerals as string literals or numeric values with adjustable tolerances. Provides for embedded commands, scriptfiles, and many other command-line parameters. Potentially very useful, but needs some Amiga-specific work. Source and some example files included. Author: Dan Nachbar, Bell Communications Research (BELLCORE) FF172

Spigot This ray-traced animation, using overscan HAM and sound effects, is Eric's entry to the 1989 BADGE Killer Demo Contest. It won 6th place. Binary. By Eric J. Fleischer (Dr Gandalf) FF272

Spin3 Simple program that creates spinning cubes and transforms them into op-art. Example of how to create a double buffered display with color tables that can be changed. Author: Ronald Peterson FF32, AM12

SpinPointer While going through some musty archives I found this little gem that got overlooked before. It is a short source module that provides a 'busy' indicator replacement for the standard mouse pointer. Includes source. By Mark Rinfret FF269

spiral One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13, AM1

Splines Program to demonstrate various curve fitting and rendering techniques. Also includes something unique for the Amiga world, pop-up menus. Includes source. Author: Helene (Lee) Taran FF97

Spool The SPOOL system consists of 3 programs: A queue manager, a printer driver, and a SPOOL request program. The SPOOL system demonstrates the power of the Amiga's multitasking abilities in a very practical way. It makes extensive use of Amiga Exec's message passing facilities and list-handling primitives. Version 1.2, includes source. By Tim Holloway FF69

SpreadSheet A simple 'Visicalc-like' spreadsheet calculator. Also known as 'vc' but there is currently a debate about whether or not that name is a registered trademark. The version on FF36 was based on an earlier version of the same source. This release also includes source code. Author: James Gosling, Mark Weiser, and Bob Bond Amiga port by Dave Wecker FF53

SpriteClock A very simple clock that uses a sprite as it's display medium, thus allowing it to be displayed on top of all other screens. Includes source in assembly language. Author: Darrel Schneider FF43

SpriteEd Lets you simultaneously edit two sprite pairs to form a double wide sprite image. Suggested \$10 donation. Author: Scott Lamb FF40

SpriteMaker Program which lets you paint sprites and then converts data structure to be used in programs. Allows interactive testing of the sprite as a pointer. Suggested shareware donation of \$15 for source code and updates Author: Ray Larson FF35

SpriteMasterII Sprite editor and animator by Brad Kiefer. Executable program and documentation. AM20

Sproing Same as Oing but includes sounds of balls colliding with boundaries. Author: Leo Schwab FF33

SPUDclock A simple program that uses the narrator device to speak the time at certain user specified intervals. Lots of command line options. Version 1.2, includes source. Authors: Robert E. Beaty and H. Bret Young FF165

Spy A program that tracks calls to AmigaDOS and Exec functions, reporting them to the screen, along with their calling parameters and the results. Version 1.0, includes source. Author: Federico Giannici FF369

Sq,Usq Portable versions of the CPM sq and usq utilities. Author: R.Greenlaw, many changes by Bill Swan FF51, FF10, AM2

ST2Amiga A program to convert Atari ST format relocatable executables to Amiga format relocatable executables, for subsequent loading into the ReSource disassembler and conversion to Amiga. ST2Amiga should also compile and run on an ST. Version 1.1, includes C source. Author: David Campbell FF448

Stack is a replacement for the BCPL stack program. Includes some source. Author: Glen McDiarmid and Kirk Davies FF105

Stairs This AmigaBASIC program demonstrates a musical illusion based upon perceptual circularity of widely spaced tones whose volumes are defined as a sinusoidal relationship to their frequency. Author: Gary Cuba FF121

Star Destroyer A hi-res picture of the Empire's Star Wars starship. AM12

Star Wars IFF picture of the enemy walkers from the ice planet AM15

star10 Assembler program, makes star fields like Star Trek intro. In C source code and executable. Documentation included. AM12

StarBlanker A screen blanker that replaces your display with a randomly chosen animated starfield. Version 1.00, includes source in Modula-2. Author: Chris Bailey FF308

StarChart Nicely done intuition based program to display and identify about 600 stars, galaxies and nebulae visible in the Northern hemisphere. Version 1.2, includes source. Author: Ray R. Larson FF159

Starflight An IFF picture. AM6

StarProbe Program studies stellar evolution. C source included for Amiga and MS-DOS. In C source code, executable, and documentation. AM18

Stars Hobie's entry for the Badge Killer Demo Contest. Based on original code by Leo Schwab, has credits longer than the actual demo. Runs on 512K Amiga. Binary only. Author: Hobie Orris FF118, FF33

StarTerm Starterm version 3.0. Very nice telecommunications program ASCII and XMODEM support, telephone dialer, function keys, load file stripping, text file conversion, full/half duplex. Author: Jim Nangano Author's suggested shareware donation: \$20 FF30, FF12, AM8

StartUps Three replacements for the standard C startup files, Astartup.obj and LStartup.obj. The options include: (1) BothStartup.obj, for WorkBench programs or CLI programs with or without command line parameters, (2) WBSStartup.obj, for WorkBench programs or CLI programs that require no command line parameters, and (3) CLISStartup.obj, for CLI programs that require command line parameters but do not need to be able to be runnable from WorkBench. Includes source. Author: Bryce Nesbitt FF101

StartupTip Text file tips on setting up your startup-sequence file. AM9

Stat An enhanced version of AmigaDOS 'status' command. AM15

Statpack Demo version of a statistics and data manipulation program. Version 3.2, binary only. Author: James Lindsey FF386

Stats Program to calculate batting averages. AM15

StatueOfLiberty Evening view of the great lady's profile in an IFF picture. AM7

StdFile A module that can be linked with any Intuition based program to provide a standard file requestor similar to the one in AmigaDOS 2.0. Even if you use the standard requestor under 2.0, it is useful to have one available for use if you need to run on pre-2.0 systems. Includes source. Author: Jeff Lydiatt and Peter da Silva FF402

StealMemBoot A small utility designed to be a direct replacement for NoFastMem kind of programs. It modifies the boot block of a disk, so when you boot with it, all memory allocations will return only CHIP memory. Author: Alex Livshits FF150

steel drum Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Steinschlag A tetris like game (Steinschlag means 'falling rock') submitted by the author. This is version 1.8, Binary. By Peter Handel FF238, FF221

STEmulator Turns your Amiga into an Atari ST (sort of). Be sure to read the README file for the true story. By David Addison FF43

StereoDemo A demo of stereoscopic graphics, written in assembly language. Requires red/green stereo glasses to view. Includes sources. Author: David M. McKinstry FF206

Stevie A public domain clone of the UNIX 'vi' editor. Supports window-sizing, arrow keys, and the help key. This is V3.7a, an update to FF217. Changes include the addition of ARP wildcard expansion for file names, support for the 'lcmd' feature of vi, other small enhancements, and some bug fixes. Includes source. Author: Various, Amiga work by G. R. (Fred) Walter FF256, FF217, FF197, FF166

StillStore A program designed for freelance, corporate, and broadcast television. It loads and displays IFF images of any resolution interchangeably from a list file or as inputted directly (I.E. random access). The user may easily skip forward or backward one or more pictures in the list. A 'generic' display is always just a few seconds away. The program can be used 'on air' with no concern that a pull down menu will suddenly appear in the viewable area. It also provides for a precise cue for changing windows or

screens. While the main purpose is to load 'news windows' of 1/4 screen size, StillStore can also handle full-sized and overscanned images. Also includes slide show modes and a screen positioning feature. Stillstore is written in the Director language from the Right Answers Group. This is version 1.2.1, an update to version 1.2 on disk 317. Binary only, source available from authors. Author: R. J. (Dick) Bourne and Richard Murray FF454, FF317

Stitchery This shareware program loads in IFF images and creates charted patterns from them for use in counted cross-stitch and other forms of needlework. It requires one megabyte of memory to run, and works best with a good high-resolution printer for printing the patterns. The Stitchery was written with The Director and the Projector is included. Version 1.21. Author: Bradley W. Schenck FF350

Stock-Portfolio: A program to organize and track investments, music libraries, mailing lists, etc. in AmigaBASIC. Author: G. L. Penrose. AC11

StockBroker A program that helps you follow the recent table of exchange from one (or more) share(s). But of course you must tell the Amiga the recent table of exchange every day. Requires AmigaBASIC. Binary only. Author: Michael Hanelt FF343

StopWatch A stop watch application with the precision of one milli- second (variable), which scans the joystick button. Full multitasking capability and intuition interfacing. ARexx port for parameter and result handling, and supports all non-proportional WorkBench fonts. Written in Modula 2 and assembly language. Version 2.0, binary only. Author: Christian Danner FF466

STReplay A shared library which allows loading and playing of SoundTracker modules, even from high level languages like Basic or C, without any special effort. Includes source. Author: Oliver Wagner FF258

String, Boolean C programs and executables for Harriet Maybeck Tolly's Intuition tutorials. In C source code, executable program, and documentation. AM19

StringLib A public domain reimplementation of the UNIX string library functions Author: Henry Spencer @ U of Toronto FF29

Strings A simple utility with command-line options for locating strings in a binary file. V 1.0, includes source. By Joel Swank FF174

stripc Strips comments and extraneous whitespace from C source files. Useful for compacting the C header files to increase usable disk space. Author: Chris Metcalf FF6

StripCR This little program just makes a text file ready for use with AmigaDOS, with only LineFeed characters (LF) to mark the end of a line. If you feed it a file with ONLY Carriage Return characters (CR), (from a Macintosh for example) it will replace them with the LF character and, if the file requires no changes, then it does not get changed, includes source in assembly. by: Bill Nelson FF237

striper One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

StripLF Completes the set of StripCR and PlusCR. It will change an LF only file into a CR only file. If used in combination with StripCR and PlusCR, it completes a text file conversion system, includes source in assembly. Author: Bill Nelson FF237

STV Simple text viewer with mouse and keyboard scrolling, text search, and hooks to be launched onto custom screens. Works great under both Workbench v1.3 and v2.0 and from the CLI or icon. Version 1.00a, includes full C source. Author: Timm Martin. FF427

Subscript Ivan Smith's AmigaBASIC subscript example. In C source code and documentation. AM19

Sugar A HAM picture of a blond girl FF72

SugarPlum Plays "The Dance of the Sugarplum Fairies". A Basic C program. AM1

SunMaze The 3d maze demo from disk 171, now expanded with shadows in the corridors to give more sense of direction. Includes source. Author: Werner Gunther, Shadows by Dirk Reising FF255

SunMouse Makes your mouse behave like the Sun Microsystems Sunwindows mouse. You no longer have to 'click' in a window to make it active. Just move the mouse pointer into the window and start typing. Version 1.0, binary only. By Scott Evernden FF65

Super Bitmaps in BASIC: Holding a graphics display larger than the monitor screen. Author: Jason Cahill AC9

SuperBitMap An example program that shows how to use ScrollLayer, how to sync the SuperBitMap prior to printing, and how to create a dummy rasterport for dumping the SuperBitMap. Works under 1.2 and up. Author: Carolyn Scheppner and Phil Lindsay FF28

SuperEcho A neat program to be used with Perfect Sound-like audio digitizers that generates LIVE audio effects, including Echos, Deep Voice, Squeaky Voice, Many People, M-M-Max Headroom and much more. Binary only. Author: Kevin Kelm FF300

SuperLines A new lines demo with a realtime control panel that you can use to change various aspects of the action. Has 10 built in color palettes, support for things like color 'smudge', color cycling, color 'bounce', multiple resolutions, and can display either lines or boxes. Version 1.0, binary. By Chris Bailey FF243

SuperMenu An information display system you can use to quickly and easily display text files (and sections of text files) with the press of a button. Version 2.0, shareware, binary only. Author: Paul Thomas Miller FF368, FF297

Supermort A general compounding/amortization routine, using the intuition environment, which can be used for mortgage/loan computations. Binary only. Author: Mark Schretlen FF59

superpad One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

SuperPlay A versatile sound playing utility, that will play any file, with user definable volume and speed. Will also play files randomly from a list. Binary only. Author: Jonathan Potter FF412

SuperRetLab Prints return address labels 3-up on single-wide 3.5 inch by 7/16/ inch label stock. Can print up to 5 lines per label. Version 1.1, includes source. Author: Joel Swank FF304

SuperView A shareware file-viewer that displays all types of IFF files with many features like: Workbench support, all display modes, auto overscan, color cycle (CRNG, CCRT), AmigaBasic ACBM files, first cell in and ANIM file, Type 5 animations and more. Written in assembly, pure code for residency under 1.3. Version 3.0, binary only. Author: David Grothe FF367

Suplib The support library needed to rebuild various programs of Matt's from the source, including Dme, DMouse, etc. Update to FF169. Source. By: Matt Dillon FF258, FF168 & 169, FF126

suprshr One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

Surf Generates bezier surfaces of revolution. Will produce some amazing pictures of wineglasses, doorknobs, or other objects one could turn on a lathe. Includes the capacity to map IFF image files onto any surface that it can draw. This is version 2.0. Changes include support for data file formats that can be translated to input files for various 3D modeling programs, an increase in the number of grey shades available, and the capability of modifying the endpoints of segments. Source included. Author: Eric Davies FF315, FF170

Surveyor A little utility that opens a window on the current screen and displays information about the pointer. Allows for absolute or relative measurement between two points on the screen. Very handy for precise positioning of icons and such. Includes source. Author: Dirk Reising FF151

SVprintf UNIX system V compatible printf(). Assembler AM2

SVTools Some additional useful tools from Stephen Vermeulen. Includes a new version of Vnews, sit, setstack, retool, memlist, fragit, and yoyo. Includes source. By Stephen Vermeulen FF107

SwapName A variant on the rename command that instead swaps the names of two files. Binary only. Author: Jonathan Potter FF412

sweep.c Sound synthesis example. C program. AM5

Swish A small simple screen hack that pushes the screen around using the view port, and simulates a floating motion. Binary only, source available from author. Author: Patrick Evans FF448

switch A pachinko-like game written in AmigaBASIC. AM11

Sword Sword of Fallen Angel. Text adventure game written in AmigaBASIC. Author: Andry Rachmat FF32

Synchronicity: Right and left brain lateralization. Author: John Iovine AC10

Synthemania An interesting, very small (and very persistent!) musical piece. If you plan on stopping it without using three fingers, you better read the document file first! Binary only. Author: Holger Lubitz FF153

Synthesizer A sound program in AmigaBASIC. AM9

Sys A game built on the addictive game PONGO but with several added features. You have been assigned the demanding task of cleaning viruses from your SYSOP's hard disk. To kill a virus, you simply kick a disk at it. There are fifty different levels, and on each level, the speed will increase and the viruses will be smarter and start to hunt you. V2.10, binary only. By: Anders Bjerin FF336

SysInfo A program which reports interesting information about the configuration of your machine, including some speed comparisons with other configurations, versions of the OS software, etc. Version 1.98, an update to version 1.94 on disk 420. Binary only. Author: Nic Wilson FF433, FF420, FF368

System config File makes screen 80 columns wide of text in the Scribble! word processor. AM26

SystemTracer A tool to view and manipulate various AmigaDOS 1.2 and 1.3 system structures. Version 1.0, includes source. Author: Guido Burkard FF422

T.Rex A tyrannosaurus rex in an IFF picture. AM6

Tab A tablature writing program for the Amiga, with instruments for a banjo and a string guitar. Binary. By Jeff deRienzo FF145

Tabu Quarter inch cartridge (QIC) tape backup utility. Works with Microbotics HardFrame. May work with other controllers as well (untested). Includes source. Author: Roy C. Sigsbey FF450

TACL An adventure player for games written with The Adventure Construction Language, a commercial computer language. Includes two sample games; one is text-only and the other is text-graphic. Binary only, plus the TACL source code that was used to write the graphic adventure. Author: Kevin Kelm and Rhett Rodewald FF300

TagBBS Version 1.02 of a shareware BBS system. Suggested shareware donation is \$25. Binary only. By Patrick Hughes FF66

talk One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

Tank This is Vincent's entry for the First Annual Badge Killer Demo Contest. It is an animation of a 'fish-tank simulator', with sound effects and a cute twist. Binary. By Vincent H. Lee FF200

Tar A port of a UNIX tar clone that can work with the TAPE: handler (also on this disk) to read and write UNIX tar compatible tapes. Includes source. Author: John Gilmore, FSF, Jonathan Hue, et. al. FF445

Target A little program which takes over the mouse pointer and turns it into a gunsight. Pressing the mouse button flashes the pointer and gives a gunshot. Version 1.23, binary only Author: Matt Fruin and Michael McCarty FF81, AM21

Tarot An AmigaBASIC program written by the author as an exercise for learning BASIC. Contains some nice graphic renditions of tarot cards. Author: L.Post FF124

Graphic Arts
Desktop Video
Word Processing
Desktop Publishing
Music
Education
Business & Home Productivity
Programming
Utilities
Entertainment
Miscellaneous Software
Drives
Memory Expansion
Accelerators
Video Hardware
Miscellaneous Hardware
Accessories & Services
Books & Tapes
CDTV
PDS Guide
AMICUS Index
Fred Fish Index
Vendor/Product Registration
AC Back Issue Index
User's Groups
Vendor Information
Product Index by Product
Product Index by Vendor
Category Index
Last Minute Additions

TarSplit A port of the OS/9 program that extracts files from UNIX tar archives by James Jones. Amiga version by Mike Meyer. FF53

Tartan AmigaBASIC; design Tartan plaids. AM26

Task Simple example of how to use CreateTask. Includes source. Author: Carolyn Scheppner FF79

TaskControl Nicely done task-handling program allowing you to put to sleep, kill or change priorities of all the currently loaded tasks. Also potentially GURU-producing, so be careful what tasks you kill, change priorities of, etc. Handy window sizer will reduce it almost to an icon to hang around until you want to use it. Binary only. Author: J. Martin Hippele FF159

TaskX A 'real-time' task editor. Lets you list and set the priorities of all the currently running tasks. Binary only, Version 2.0. Author: Steve Tibbett FF158

TCB Prints information about tasks and processes in the system; assembler source is included. AM26

TCL Port of Tool Command Language, a simple textual language intended primarily for issuing commands to interactive programs such as text editors, debuggers, illustrators, shells, etc. It has a simple syntax and is programmable so TCL users can write command procedures to provide more powerful commands than those in the built-in set. Alpha 2 version, binary only. Author: Dr. John Ousterhout, Amiga port by HackerCorp FF447

TDebug Monitor a device by intercepting the EXEC SendIO and DoIO vectors. This will give you most of the IO request information for any device. Version 1.00, includes source. Author: Matt Dillon FF74

TDP A small trackdisplay program that uses whatever screen is up front. Binary only. Author: Tom Kroener FF479

TDRAW An easy to use Window Title Bar Pattern Editor for use with TBar. Load, save, test, and edit patterns. Saves script files that can be executed later to change window patterns at anytime (like on boot-up). Includes TRand, a utility to pick a random TBar file so your WorkBench will look different each time you reboot. Version 1.0, binary only. Author: Phil Dietz FF461

Teacher Teacher is a short, simple hack. I won't spoil the fun by telling you what it does. With source. By Jonathan Potter FF204

Tek An enhanced version of Dave Wecker's vt100 (v2.6) which includes emulation for a Tektronix 4010/4014 graphics terminal. This is a much improved version of the Tek4010 program from FF52. Includes source. Enhancements by Nick Giordano and Terry Whelan FF108

Tek4010 A Tek 4010 emulator. Author: Terry Whelan, with changes by Steve Poling FF52

Tek4695 A Tek4695 printer driver. Binary only. Author: Philip Staub FF87

Tek4695 A Tektronix 4695/4696 printer driver. Includes source. Author: Philip Staub FF96

TenSpeed A ten-speed in an IFF picture. AM6

termcap A (mostly) UNIX compatible implementation of a termcap library. First ever public release. Author: Fred Fish FF14

terminal One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

Terminator A virus protection program. By Russell Wallace AC5

TermPlus Yet another variant of Michael Mournier's AmigaTerm program. This one includes improved ASCII capture, CRC and checksum xmodem protocol transfers, CompuServe B-protocol transfers, a phone library, function key support, and limited AmigaDOS functions. Enhancements by Bob Rakosky FF33

termtest One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

Terrain 3D Program which demonstrates generation of good looking pseudo-random scenery. This version is a derivative of 'sc' distributed on disk 87, but now displays terrain in 3D relief. Includes source. By Chris Gray; 3D version by Howard Hull FF94

Terrain Program which demonstrates generation of good looking pseudo-random scenery. Includes source in Draco. Author: Chris Gray FF61

TES 'The Electronic Slave' adds a gadget strip to the top of the cli window to perform such functions as device directories, info, run ED, and time. Currently, assignments are hardcoded but not difficult to change if you own a compiler. Version 1.1, includes source. Author: Joerg Ansluk FF162

Tetrix A addictive game of speed, skill and luck. Based on a game originally called Tetris. The object is to fit together oddly grouped falling blocks to create a solid wall, which is then cleared from the bottom up. Sounds simple enough right? Sure...! Shareware, Version 1.1, Binary only. Author: David Corbin FF173

TeXdemo A demo version of TeX, ported to the Amiga by Tomas Rokicki. I have added 'less' to read the text files. I have copied all the files to a freshly formatted disk, to create the master distribution disk, using xcopy, which preserves the file dates. This insures that disk fragmentation is kept to a minimum. In order to make room for the files I have added, I have compressed the file TeX/inputs/amigatex.tex using a version of compress (compress.b13) that should run on any standard 512K amiga. This version of compress is found in c/compress.b13. To recover the original file, execute the commands: cd AmigaLibDisk83:TeX/inputs :c/compress.b13 <amigatex.tex.Z >ram:amigatex.tex -d. Since this is a demo version of Tom's commercial product, it has several limitations that let you get the flavor of the real thing but encourage you to buy the commercial version. These limitations include TeX being limited to processing only small files, the previewer being limited to displaying ten pages or less, and only a small number of fonts being provided. The full version of AmigaTeX comes on eight floppies and will handle larger documents than most mainframe versions of TeX. See the tex/README file for further info.-Fred FF83

TeXF A selection of 78 TeX fonts, with a conversion program to convert them to Amiga fonts. There are 22 different fonts at various sizes, ranging from 15 pixels high to more than 150 pixels. The conversion program can also be used with the fonts distributed with AmigaTeX, yielding an additional 1000 or so more fonts for use with other Amiga programs. Version 2.5, binary only. Author: Ali Ozer FF135

TeXify A package of ARexx scripts, for CygnusEd users, which allows total control of AmigaTeX from within CED. This is version 1.10e, binary only. Author: Wolf Faust FF458

text.demo Sample program that asks AvailFonts() to make a list of the fonts that are available, then opens a window and then prints a description of the various attributes that can be applied to the fonts, in the font itself. Previous versions were released as 'whichfont'. Author: Rob Peck FF5

TextDisplay A text display program, like 'more' or 'less', but about half the size and handles all screen formats (pal/ntsc, interlace/non-interlace, etc). Binary only. Author: Roger Fischlin FF244, FF188

TextPaint Version 0.97 of the Ansi editor. Several significant enhancements and bug fixes since the release of version 0.90 on FF346. Features include possibility to reload ansi files or CLI modules, 4 color option, optimized keyboard layout, new drawing modes, right mouse button support (like DeluxePaint) and much more. Binary only. Author: Oliver Wagner FF361, FF346

TextPlus A word processor for the Amiga, with both German and English versions. TextPlus enables you to write letters, books, programs etc. in a very easy and comfortable way. This is version 2.2E, the same as on disk 375. However, this release includes the source (the description on disk 375 claims the source is included but it was not). Author: Martin Stepler FF465, FF375, FF359

Textra This easy-to-use text editor allows multiple windows, and provides a simple mouse driven interface. Those familiar with the 'Macintosh style' editors will be comfortable with Textra's Cut, Copy and Paste commands. Standalone image. Documentation included. No source code. Author: Mike Haa FF239

Texts An article on long-persistence phosphor monitors, tips on making brushes of odd shapes in Deluxe Paint, and recommendations on icon interfaces from Commodore-Amiga. AM14

Thai A simple Thai quiz program developed by the author while he was learning the Thai language. It loads complete Thai sentences and words from a supplied file. If you click on the sentence or word gadget the program will pick a random sentence/word. You then click on the Thai/Speak/Phonetic/ English gadget to display that version (or speak it). Includes source. Author: Alan Kent FF98

The KickPlay Dir Several texts that describe several patches to the Kickstart disk. For Amiga 1000 hackers who feel comfortable patching a disk in hexadecimal, KickPlay offers the chance to automatically do an ADDMEM for old expansion memory, as well as the ability to change the picture of the "Insert Workbench". AM25

TheA64Package A comprehensive emulator/utility package to assist Commodore 64 users in upgrading to the Amiga. According to the author, this package compares to or surpasses the commercially available packages of the same nature. Many of the utilities require a hardware interface that allow the Amiga to access C64 peripherals such as disk drives and printers. The hardware interface is free with a shareware donation to the author. Version 1.00, binary only. Author: Cliff Dugan, QuesTronix FF379

TheGuru A program to bring the Guru back into Kickstart 2.0, for those who will miss it, (well sorta anyway!). Version 1.0, binary only. Author: Nico François FF378

ThreeDee 3D function plots. ABASIC program. AM1

TicTacToe A simple TicTacToe game. Binary only. Author: Jonathan Potter FF412

tictactoe The classic game written in AmigaBASIC. AM11

Tiles A basic tile game like Shanghai or GunShy. A board is covered with a set of 144 tiles, 36 different sets of 4 identical tiles, each with a picture on it. The object is to remove all the tiles, 2 at a time, by matching identical tiles. Version 2.1, includes source in Modula II. Author: Todd Lewis FF241

Tilt Another of Leo's cute little toys. This one makes your Amiga look like it didn't pass Commodore's vibration testing. Author: Leo Schwab FF54

Time Out! Accessing the Amiga's system timer device via Modula-2. Author: Mark Cashman AC11

timedely.c sMple timer demo. C program. AM4

Timer Creates a small window containing a timer. Version 1.5, binary only. Author: Bill Beogelein FF90

Timer The timer device made easy! Example of how to create both synchronous and asynchronous waits. Includes a sample C program, a detailed technical discussion, and modules that you can plug in to your C programs. Author: Timm Martin FF429

timer Simple timer example program. Includes dynamic allocation of data structures needed to communicate with the timer device, as well as the actual device IO. Author: Rob Peck FF5

timer.bmap one of the necessary links between AmigaBASIC and the system libraries. AM8

timer.c Exec support timer functions. C program. AM4

TimeRAM A program to test the access speeds of Fast and Chip RAM. Binary only. Author: Bruce Takahashi FF96

TimeSet Handy little utility to set the system time from the workbench environment, without resorting to preferences. Binary only. Author: Unknown (DEH?) FF71, AM9

Timetest Working example to show the time() and gmtime() functions of the Lattice C support library. Includes source in C. Author: Oliver Wagner FF346

timrstuf.c More exec support timer functions. C program. AM4

TinyProlog VT-PROLOG is a simple prolog interpreter provided with full source code to encourage experimen-

tation with the PROLOG language and implementations. Version 1.1, includes source. Author: Bill and Bev Thompson FF145

TitleGen A simple script language program for generating vertically crawling title sequences in any font and up to 500 lines long. Good for video production. Version 1.6, binary only. Author: Kevin Keim FF300

TitlePage Prints banner-type title pages for identifying listings. Lots of command-line options for specifying various fonts, pitches, typesizes, selectable centering, etc. Includes source. Author: Joel Swank FF174

TMonth TMonth will execute any program the first time it's executed each month. Very useful, for example, to execute the ATOM-CLOCK program to set your clock each month. Version 1.0f, binary only. Author: George Kerber FF432

Today Amiga implementation of IBM PL/1 history program. Tells you important events and birthdays on current or specified day. Command line options include once-per-day setting for startup sequences. Version 0.91, binary only, shareware. Author: David Plummer, data files originally from an IBM VM/CMS version by Mike Butler FF368

tom One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

ToolLib A shared library containing 45 useful functions for all kinds of programs. There are functions for ports, sorting, gadgets, memory, string, directory and file handling, etc. Version 8.1, an update to version 7.6 on disk 438, includes source. Author: Jan van den Baard FF475, FF438

ToolLibrary A shared library for the Amiga. Contains some mathematical (evaluation of strings) and Intuition (menus, requester) functions. Version 2.06, includes source. Author: Rudiger Dreier. FF376

ToolManager ToolManager is a full featured program to add programs (either WorkBench or CLI) to the tools menu of the 2.x WorkBench. Programs can be added by dragging their icons onto the ToolManager config window or the optional ToolManager icon or by editing the config file. Requires Workbench 2.0. This is version 1.3, an update to the version on disk 442. Includes source. Author: Stefan Becker FF476, FF442

TooMuch3D This animation is Jim's entry to the 1989 BADGE Killer Demo Contest, where it won 10th place. It is a warning to those of you who spend too much time in front of your computer monitors. Binary only. Author: Jim Robinson FF270

topography One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13, AM1

Touch A simple command to set the date of a file to the current date. Uses new supported method of setting a file date stamp (rather than reading and writing back a byte) Author: Phil Lindsay and Andy Finkel FF49

toybox One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13, AM1

Tp1Edit A gadtools template editor. It is able to generate nearly standalone C source code. The program will only run under OS 2.0, Kickstart 37.73 or higher. This is version 1.00 Alpha. Includes source. Author: Matt Dillon FF480

trackdisk Demonstrates use of trackdisk driver. Useful example of 'raw' disk read/write. Author Rob Peck FF5, FF1

TrackDisplay A simple program that continuously monitors and displays the current track for each floppy disk. Includes source. Author: Olaf Barthel FF399

TrackDOS A program that allows easy transfer of data between DOS, memory and trackdisk.device. DOS means the data contained within a file, memory means the data contained anywhere within the memory map and trackdisk.device means data stored on a disk not accessible with DOS (eg. bootblocks special loader disks etc.). The transfer of data between these three areas is not normally easy or convenient. TrackDos was

written to overcome this. This is version 1.04, an update to the version on disk 365. Binary only. Author: Nic Wilson FF422, FF365

Tracker Useful debugging routines similar in function but more versatile to those of 'MemTrace' on FF163. Will track and report on calls to AllocMem(), FreeMem() [or lack thereof!] among others. V0.0a (Alpha release). By Karl Lehenbauer FF181, FF35

TrackSalve A Trackdisk patch which removes all known bugs, and one unknown so far, and patches the Trackdisk task to allow various enhancements, such as reading good sectors from partially bad tracks, write verification, write protect simulation, auto motor off, auto update and turning off clicking. Other features are MFM-update and I/O by non-chip buffers. This is version 1.3, an update of version 1.0 on FF312. Includes source in C and assembler. Author: Dirk Reisig FF355, FF312

TrackUtils Two utilities that deal with disk tracks. TCopy copies one or more tracks from one disk to another, and is useful for copying part of a floppy disk into RAD: during bootup. TFile creates a dummy file which 'marks' a specified range of tracks, preventing AmigaDOS from using them and allowing them to be used for raw trackdisk data. Includes C source. Author: Eddy Carroll FF350

Trails Cute little program that leaves a trail behind the pointer when the mouse is moved. The trail has programmable symmetry, thickness, and length. The other interesting thing about this program is that it is written in Modula-2 (source provided). Author: Richie Bielak FF32

Train An electric train construction set game simulation. Shareware, binary only, source available from author. Author: Dennis Saunders FF428

translator.bmap one of the necessary links between AmigaBASIC and the system libraries. AM8

Tree A very simple directory tree traversal program, written primarily as an aid to creating zoo archives and disk backups. Has options to exclude certain directories or files with specific extensions. Includes source. Author: Tomas Rokicki FF306

Tree Draws a recursive tree (green leafy type, not files). Author: Robert French (original version by W. Balthrop) FF31

Tree Traversal & Tree Search: Two common methods for traversing trees. Author: Forest W. Arnold AC10

Trees and Recursion: An introduction to binary trees and how to use recursion. Written in C. Author: Forest Arnold. AC7

Trees Another 'tree growing' program, similar to the one on FF31, but more extensive. Author: Unknown; Amiga version by Terry Gintz FF49

trees.o UNIX compatible tree() function, Assembler program. Object file and documentation provided. AM2

TreeWalk A subroutine command for visiting all the files of a subtree of an Amiga file system, testing every file in the specified subtree against a supplied 'filter' expression, and if the file passes through the filter, to issue the specified command with that file as one of the arguments. It is designed to be fast, robust, and not use a lot of any critical resource. Includes both a CLI interface to that routine the form of a find-like utility that uses C expressions instead of Unix-like flags, and a program to tell you if directory trees will fit on a given disk, or how many extra blocks you'll need if they won't. Includes source. Update to version on FF289. Author: Mike Meyer FF352, FF289

Trek An excellent shareware Star Trek game. The object of the game is to stay alive, healthy, and maintain the Enterprise in good condition. As Captain of the ship, you must go on missions where you show your common sense and level headedness. An overly cautious Captain will lose his ship as well as a careless or irrational Captain. This distribution unpacks into two almost full disks. Version 1.0, binary only. Author: Tobias Richter FF409

trek73 A Star Trek game. This one is just crying out to be Amigaized by some ambitious hacker. Authors: Many, see comment in main.c FF10

TrekTrivia Very nice mouse-driven trivia type program for Star Trek fans. Contains 100 questions with additional trivia disks available from the author. Includes selectable skill levels, a cheat mode, and 250K

of digitized music. This is version 3.0, an update to version 2.0 on disk 252. Binary only, shareware. Author: George Broussard FF422, FF252, FF180

Triangle A game like chinese checkers, consisting of fourteen pegs and one empty hole in a triangular formation. The object of the game is to leave one peg in the original empty hole or have eight pegs on the board and no possible moves. Version 1.1, includes source in BASIC. Author: Russell Mason FF469

triangle One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

Tricky Another of Peter's innovative and addictive games. Sort of a video-bowling concept where the object is to wipe out groups of computerized symbols in such a fashion that the last item hit becomes the target for the next ball (with a few tricks of course!). Lots of levels and the usual level editor that accompanies most of Peter's games. Binary only. Author: Peter Handel FF367

TriClops Very nice graphics oriented 3D space invasion game. This was previously a commercial product which is being released into the public domain for promotional purposes (they are working on a multiuser, multimachine version) Author: Unknown, published by Geodesic Publications FF35

Triple 3 demos of some of the Amiga's graphics and sound capabilities. Binary only. by: Tomas Rokicki FF206

TripleYachtZ An implementation and variation of the game 'Yacht'. Plays both Single (the standard game) and Triple, which differs from normal Yacht-Z in that all scores in the 3rd column of your scorecard are worth three times as much as the normal value and those in the 2nd are worth double. Version 1.2, binary only, source available from author. Author: Stephan Iannce FF470

Trippin A Workbench game based on an out-of-print board game. The object is a race in which each move you make restricts your opponent's choice of countermoves. Features a computer opponent of adjustable toughness. Includes source. Author: Paul Kienitz. FF429

Tron Another game about the lightcycle race sequence in the science fiction computer film Tron. One or two players and other options. Written in GFA-BASIC and then compiled. This is version 1.23, an update to version 1.1 on disk 355. Now includes source in GFA-BASIC. Author: Dirk Hasse FF411, FF355

Tron Another game based on the lightcycle race sequence in the science fiction computer film 'Tron'. This is version 1.0, unrelated to other Tron releases in the library. Includes source in assembly. Author: Thomas Jansen FF461

Tsize A simple utility to print directory tree sizes. Displays the total size of all files and subdirectories within a given directory Author: Edmund Burnette FF35

TSnip Very nice 'cut and paste' type utility with lots of uses and functions. Features a pop-up intuition control panel, multiple font and color recognition, clipboard and pipe support and a couple of utility programs. V1.4a, source for support programs only. By John Russell FF179

TTDDD Textual TDDD is an ASCII version of Turbo Silver's TDDD object and cell description files. The TTTDDD format enables users to algorithmically generate objects, scenes, and animations. Includes programs to convert between TDDD and TTTDDD formats. Version 1.0, shareware, binary only. Author: Glenn M. Lewis FF420

TUC 'The Ultimate Clock'. Another window title clock/memory minder. This one is in 132 columns! Also gives the free memory on drives DF0, DF1 & DF2. Includes source. Author: Joerg Anslik FF159

Tumblin' Tots: A complete game written in Assembly language. Save the falling babies in this game. Author: David Ashley AC1

Tunnel An interesting graphics demo written in TDI-Modula 2. I suggest you don't stare at this too long! Includes source. Author: Garth Thornton FF174

TunnelVision Another fine ABASIC game from David Addison. This is a maze game with a 3-D perspective view from inside the maze Author: David Addison FF36

Graphic Arts
Desktop Video
Word Processing
Desktop Publishing
Music
Education
Business & Home Productivity
Programming
Utilities
Entertainment
Miscellaneous Software
Drives
Memory Expansion
Accelerators
Video Hardware
Miscellaneous Hardware
Accessories & Services
Books & Tapes
CDTV
PDS Guide
AMICUS Index
Fred Fish Index
Vendor/Product Registration
AC Back Issue Index
User's Groups
Vendor Information
Product Index by Product
Product Index by Vendor
Category Index
Last Minute Additions

Turbo Opens a small window with a gadget that when selected, turns off bitplane, sprite, copper and audio DMA, presumably to increase system speed. Includes source. By Oliver Wagner FF170

TurboBackup A fast mass floppy disk duplicator with enforced verify mode to prevent generation of incorrect copies. Version 1.00, binary only. Author: Steffen Stempel and Martin Kopp FF139

TurboMandel A fast mandelbrot program, written in a mix of C and assembly language. You can select between using floating point or integer calculation. Other features include a full intuition interface, cycling capabilities, extensive color control, a user definable iteration depth, fully implemented zoom, a 3-D display mode, support for extra halfbrite as well as interlace and hires, IFF load and save, accuracy selections, and more. Version 1.0, includes source in assembly and C. Author: Marivoet Philip FF302

TurboText An almost fully operational demonstration copy of a new sophisticated text editor for the Amiga. Features many unique capabilities including an impressive ARexx interface with over 140 commands available, full outlining abilities, clipboard support, complete reconfigurability, recorded macros, programmer's calculator, emulations of many popular text editors, and much more. This demo version does not allow saving or printing of documents and limits the size of cut and paste operations. Version 1.0, binary only. Author: Martin Taillefer FF445

TurboTitle A program created for the purpose of subtitling Japanese Animation films and to create a standard Amiga subtitle format. Is perfectly suited for subtitling any foreign film. Version 0.71, shareware, binary only. Author: Robert Jenks FF424

TurboTopaz Two Text speed up programs like FastFonts. Allows replacement of the Topaz-80 font from both CLI and WorkBench. Includes a program to measure to speed of Text speed up programs. Version 1.0, includes source in assembler. Author: Preben Nielsen FF396

TurMite A two dimensional turing machine simulator. Imagine a small bug crawling around on your computer display moving one pixel at a time. At each step it uses its internal state number and the color of the pixel it's on as indexes into a set of tables to decide what color to change the pixel to, what direction to move, and what its new internal state should be. Includes source. Author: Gary Teachout FF249

Turn An interesting board game with the simplicity of checkers yet requiring the move-lookahead of a good chess player. Binary only. Author: Peter Handel FF361

Turtle A shared library of "turtle" functions for drawing in a RastPort. Includes source in assembly and C. Author: Thomas Albers FF321

Tv*Text Demo version of the TV*Text character generator. AM18

TX Todor Fay's SoundScape module source code from his AC articles. The Lattice and Manx C source code is here, along with the executable modules. AM26

TxE Latest demo version of MicroSmiths' text editor, TxEd. This is the full production version except that files are limited to 10K bytes in length and the search/replace functions are disabled. Also, demo is based on an older version of TxEd, new release has additional features. Author: Charlie Heath FF31, FF20, AM12

Txt filters text files from other systems to be read by the Amiga E.C. AM17

Txt2Exe This program takes a text file, creating a runnable command which will output the text. Allows various operations to be done on the text. Binary only. Author: Oliver Wagner FF286

Ty A text display program based on Amiga 'less' version 1.0. Has both keyboard and mouse control of all functions, an intuition interface, and uses the Amiga specific keys (such as the Help key) correctly. Version 1.3, includes source. Author: Mark Nudelman, Bob Leivian, Tony Wills FF246

TypeAndTell Example program that demonstrates installation of an input device handler before the Intuition one. This example traps all keys typed by the user and pronounces them in real time. Includes source. Author: Giorgio Galeotti FF73

Typing Tutor: A program written in AmigaBASIC that will help you improve your typing. Author: Mike Morrison AC6

TypingTutor A simple typing tutor program which measures your typing speed and adjusts the level of difficulty accordingly. Shareware, binary only. Author: William Jordan FF434

Udate Udate is a replacement for the AmigaDOS date command, containing many options similar to the UNIX date command. Udate will allow you to set the date and time via prompts or directly from the command line, will display any part of the date or time using the options in any color desired, and will also make an automatic adjustment of your system clock for Daylight Savings Time so your computer will be one less clock you will ever have to set twice a year for DST. Update to version on FF311, this version is slightly smaller and works correctly with the 68030. Version 1.14c, binary only. Author: George Kerber FF365, FF311

Uedit A nice shareware editor with learn mode, a command language, menu customization, hypertext, online help, a teach mode, split windows, copy and paste, undo, features. This is version 2.6e, an update to version 2.6c on disk 415. Binary only. Author: Rick Stiles FF471, FF415, FF286, FF254, FF189, FF173, FF121, FF60

Uedit-Stuff A variety of configuration material for Uedit. Includes stuff for remembering multiple chunks of deleted text, interfacing through Rexx with a terminal program, displaying matching (' characters when you press '), expanding abbreviations into phrases as you type, easily shifting lines and blocks of text left or right, improvements to several existing Uedit features, and more. Author: Paul Kienitz. FF429

UeditUpdate This is a partial update to the 2.5d version of Uedit on disk 286. It includes only the UES executable, which has had patches d1 through d4 applied. Disk 286 is still needed for a complete Uedit shareware distribution. Binary only. Author: Rick Stiles FF301

Ueturb Example of extensive customization of Uedit to set up a nice development environment. Includes source. Author: Tom Althoff FF60

Ultra Sonic Ranging System: BASIC Sonar Ranging program. Author: John Iovine AC13

UltraF4 Demo version of a super graphic based floppy format program that can format four floppy disks at the same time and even format disks that other programs give up on. Binary only. Author: Terry Bullard and Signa Bullard FF444

undelete Executable program undeletes a file. Documentation included. AM12

UnHunk Tool to process the Amiga 'hunk' loadfile format. Collects code, data, and bss hunks together, allows individual specification of code, data, and bss origins, and generates binary file with format reminiscent of UNIX 'a.out' format. The output file can be easily processed by a separate program to produce Motorola 'S-records' suitable for downloading to PROM programmer. Author: Eric Black FF26

UnIfdef Useful program for removing ifdef'ed sections from a file while otherwise leaving the file alone. Allows one source to be used as a porting base for many machines, without shipping the entire source to every source customer. (Pre-process for their machine and send them only the source for their specific machine). Author: DaveYost FF35

Uniq A text processor which compacts repeated adjacent lines. Intended to be used with a sorted file to print unique lines, or repeated lines. Behaviour and options like UNIX version. Version 1.1, includes source. Author: John Woods, Amiga port by Gary Duncan FF317

Units Units conversion program, including a chart option which allows you to create charts of conversions. Nifty. Includes source. Author: Gregory Simpson FF74

UNIXArc A version of arc suitable for UNIX System V. Author: System Enhancement Associates FF50

UnixDirs A program which intercepts calls to dos.library to add the UNIX style '.' and '..' syntax for current and parent directories, respectively, to file and path names. I.E., you can refer to files in the current directory as './foo' and files in the parent directory as '../foo', or any combination of the two. Includes source in assembly. Author: Murray Bennett and Mark Cyster FF321

UnixUtil A few CLI utilities, including some functionally similar to the UNIX utilities of the same names. Included are: Wc, Head, Tail, Tee, Detab, Entab, and Trunc. Descriptions are given in the included '.doc' files. By Gary Brant FF179

UnknownGirl Another small musical piece similar in execution to 'Synthemania' on FF153. Binary only. By Holger Lubitz FF162

Unshar This program extracts files from Unix shar archives. It scores over similar programs by being small and fast, handling extraction of subdirectories, recognising a wide variety of 'sed' and 'cat' shar formats, and handling large files spread across several shar files. This is version 1.3. Includes C source. Author: Eddy Carroll FF345, FF287

Up&Down The object of this game is to get four of your chips in a row (across, down, or diagonally) without letting your opponent get his chips in a row first. Binary only. Author: Jason Bauer FF462

Update Used to update an older working disk with files from a newly released disk. Files on the older disk that are out of date will be upgraded with files from the new disk. Author: Unknown, downloaded from Software Distillery FF45

Uranus An IFF picture. AM6

Utilities A group of four little utility programs, Cal, Undelete, DClock and WhereIs. Binary only, see the ReadMe file for a description of each. Author: Dan Schein FF154

Utils A group of small utility programs requiring ARP. Du displays the disk space used by a directory, Head displays the first lines of a file and Cookie displays a humorous message. All executables are very small (less than one disk block each). Assembly source is included. Author: Stuart Mitchell FF416

UUCP An implementation of uucp for the Amiga, including mail and news. This is Matt's version for the Amiga, based on William Loftus's Amiga UUCP 0.40 release with news code from his 0.60 release, and months of work by Matt to make fixes and add enhancements. This is version 1.13D, an update to version 1.08D on disk 442, and consists of four parts. Parts 1 and 2 are on disk 479, and parts 3 and 4 are on this disk. Includes source. Author: Various, major enhancements by Matt Dillon FF480, FF445 & FF450, FF443 & FF442, F360, FF313, FF310, FF152

UUCP An implementation of uucp for the Amiga, including mail and news. This is Matt's version for the Amiga, based on William Loftus's Amiga UUCP 0.40 release with news code from his 0.60 release, and months of work by Matt to make fixes and add enhancements. This is version 1.13D, an update to version 1.08D on disk 442, and consists of four parts. Parts 1 and 2 are on this disk, and parts 3 and 4 are on disk 480. Includes source. Author: Various, major enhancements by Matt Dillon FF479, FF445 & FF450, FF443 & FF442, F360, FF313, FF310, FF152

UUdecode Programs to encode/decode binary files for transmittal via mail, or other text-only methods. Binary file is expanded by approximately 35% for transmittal. Author: Mark Horton FF38

UUencode Programs to encode/decode binary files for transmittal via mail or other text-only methods. The binary file is expanded by approximately 35% for transmittal. This release is an update to the version on FF53, and includes a simple line-by-line checksum technique that can read and write files compatible with the older uuencode/uuencode, plus a file size test modification that is transparent to older uuencodes. Author: Mark Horton with mods by Alan Rosenthal and Bryce Nesbitt FF92, FF53

UUpc Version 1.0 of a suite of programs that will allow you hook up your Amiga as a usenet node. Includes source. Author: Richard Lamb, Stuart Lynne, Jeff Lydiatt FF109

Uw UNIX Windows client for the Amiga. Version 1.00, includes source. Author: Michael McInerny FF79

V A front-end for Commodore's More or some other text viewer that can be made resident. Can be used from Workbench, greatly reducing disk loading time because V is much smaller than More, which need not be loaded if it is resident. From CLI, causes More to create a new window, specified with an environment variable, rather than using the CLI window. V is itself residentable. Much improved since the version on disk 224, to which it is only distantly related. Includes source in assembly. Author: Paul Kienitz. FF429

v1.1h.txt Text, 'diff' of include file changes from version 1.0 to 1.1. AM5

v1.1update Text, list of new features in version 1.1. AM5

v11fd.txt 'diff' of .fd file changes from version 1.0 to 1.1. AM4

v28v1.diff 'diff' of include file changes from version 28 to 1.0. AM4

VacBench This amusing little screen hack will 'clean up' your WorkBench screen for you when it gets too cluttered! Binary only. By Randy Jouett FF184

ValSpeak A filter program which transforms its standard input to 'valspeak' on its standard output. Author: Unknown FF46

Vampire Woman Vampire in LoRes FF72

VAUX-Killer A very funny animation which won 2nd place in the 1989 BADGE Killer Demo Contest. Because of its size, the demo is split across two disks. Two floppy drives, or a hard disk, are strongly recommended. Binary only. Author: Roger Curren FF265 & 266

VAXterm A VT220 terminal emulator that is close to the real VT220 terminal in both supported facilities and user interface. Designed primarily for connection to VAX/VMS, it should work with any host computer with VT220 terminal support. Supports file transferring for ASCII files by means of DCL commands. Version 2.4, includes source. Author: Tuomo Mickelson FF369

Vc Visicalc-like spreadsheet calculator program. Author: James Gosling. Amiga port by Peter Hardie FF36

vc VisiCalc type spreadsheet, no mouse control. Executable program and documentation. AM14

VcEd A Voice (Tone) Editor for the Yamaha 4 Operator series synthesizers. Binary only, source available from author. Author: Chuck Brand FF345

VCheck Version 1.2 of the virus detection program from Commodore Amiga Technical Support. This version will test for the presence of a virus in memory, or on specific disks. Binary only. Author: Bill Koester. FF126

VDraw1.16 Shareware drawing program submitted by the author. This version uses menus but includes some items not on version 1.19, also on this disk. Drawing program, based on freedraw, but now transformed and enhanced beyond recognition. Draws hollow boxes, filled boxes, free-hand sketches, lines, circles, and arcs. Also has area fill, text insertion, 16 different line patterns, predefined area fill patterns, a magnify mode, cut and paste, color inversion, erase, grid pattern, and more. This is version 1.14. This shareware program (suggested \$15 donation) was submitted by the author for inclusion in the library. Author: Stephen Vermeulen FF52, FF38, FF31

Vdraw1.19 Latest version of Vdraw, with a completely new iconic user interface, and some other new features including a color palette mixer and DPaint style brushes, extended cutting features, area locking, and a flexible printing interface. Author: Stephen Vermeulen FF52

Vectors A simple program to test how fast the Amiga can draw lines. Includes two versions, 1.0 and 1.1, each of which performs tests slightly differently. Includes source. Author: Gauthier Groult and Jean Michel Forgeas FF316

vendors Older text file of Amiga vendors, names, addresses. AM12

Venus An IFF picture. AM6

Verify Walks a directory hierarchy reading all files, reporting any files that can't be entirely read. Version 1.2, includes source. Author: Joel Swank FF304

ves copy protection. Executable program and documentation. AM14

VGad A new gadget editor that takes two pictures of the window and its gadgets, one being the normal gadget state and the other being the fully selected state, and then merges the data and converts to C source code. Version 1.0, binary only. Author: Stephen Vermeulen FF137, AC1

Viacom Latest version of viacom for use in conjunction with the WaveBench demo. Binary only. Author: Leo Schwab & Bryce Nesbitt FF112, FF84

vibrophone Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Vidtex Vidtex displays Compuserve RLE pics in source code and as an executable. AM11

View A mouse-oriented text file reader. Sample operation is demonstrated in reading the View.doc file, instead of using the usual 'Less' text file reader. By Bryan Ford FF163, FF58, AM14

View80 Very impressive scrolling text file reader. Three scrolling modes and controllable via keyboard or mouse. Opens file requestor if no filename is given. Automatically configures screen size for PAL or NTSC machine. Sample operation in reading the document files. Version 1.1, includes source. Author: Federico Giannici FF365

ViewDir A LIST type of utility showing contents of a disk or directory. For directories, shows SIZE. For files, takes a quick look and identifies TYPE if possible. Update to

original version on disk 251. Now works with SPAT for pattern matching, and has a small style change. Includes source in assembler. Author: Jim Butterfield FF358

Viewer A very small program for displaying IFF pictures of any resolution. This one is written in assembly code and is only 988 bytes long. Binary only. Author: MikeMcKittrick FF199

ViewILBM Reads an ILBM file and displays as a screen/window until closed. Handles normal and HAM ILBM's. Author: Based on ShowILBM, enhanced by Carolyn Schepner FF72, FF44

violin Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Virus Check Dir Several programs relating to the software virus that came to the US from pirates in Europe as detailed in 'Amazing Computing V2.12. Bill Koester's full explanation of the virus code is included. One program checks for the software virus on a Workbench disk; the second program checks for the virus in memory, which could infect other disks. AM24

Virus_Alert! Yet another anti-virus program with a twist. Once installed a message is displayed just after a warm or cold boot notifying the user that the disk and memory are virus-free, and forcing a mouse-button press before continuing. Anything writing to the bootblock thereafter will destroy the message and a normal virus-infected boot (???) will take place. Versions 1.01 and 2.01, Binary only. Author: Foster Hall FF154

VirusControl A new virus detection and control program that checks disks during insertion, protects from link viruses, shows bootblock on a screen, periodically checks system vectors, controls access to files with a requester, etc. V1.3, includes full assembly language source code. Author: Pius Nippgen FF211

VirusUtils Two programs to detect viruses on disk and in memory. VirusHunter removes all known viruses in memory. Viruskiller removes all known viruses in memory and after removing the viruses the disks can be checked without the virus copying itself to the disks. Version 3.60, binary only. Author: Pieter van Leuven FF331

VirusX A boot sector virus check program that runs in the background and automatically checks all inserted disks for a nonstandard boot sector. Such disks can optionally have their boot sector rewritten to remove the virus. Includes source. Author: Steve Tibbett FF137

VirusX Version 4.0 of a popular virus detection/vaccination program. This is an update to FF216. Includes a check for the new Xeno virus. Author: Steve Tibbett, Dan James, Jim Meyer FF287, FF216, FF175, FF158, FF154, FF137

VisaCard A VISA card in an IFF picture. AM6

VLabel A program to print fancy customized disk labels. It will combine an IFF picture and up to 50 lines of text (which may be placed arbitrarily in any font or point size) and then print the result. The IFF picture can be virtually any size (up to 1008 by 1000). It will also print labels from a batch file produced by SuperBase. Version 1.20, binary only. Author: Stephen Vermeulen FF137

Vlt VLT is both a VT100 emulator and a Tektronix (4014 plus subset of 4105) emulator, currently in use at SLAC (Stanford Linear Accelerator Center). Although the VT100 part was originally based on Dave Wecker et al.'s VT100, many enhancements were made. Features include use of ARP, an AREXX port, XMODEM 1K/CRC and Kermit protocols, support for additional serial ports, external file transfer protocols (XPR), a 'chat' mode, and scrollbar/review/history buffer. It comes in two versions, one with Tektronix emulation, and one without. The Tektronix emulation allows saving IFF files, PostScript files, and printing bitmaps to the printer. This is version 5.034, an update to version 4.846 on disk 410. Binary only. Author: Willy Langeveld FF455, FF410, FF308, FF257, FF245, FF226, FF202

Vlt Vlt version 5.045, a partial update to version 5.034 on disk 455. Includes new executables with and without Tektronix emulation, and a new xprascii library. You still need the files from disk 455 to make a complete distribution. Binary only. Author: Willy Langeveld FF468

VMore A shareware program, submitted by the author, that is a 'more' like text file viewing utility that can be run on multiple files from either the Workbench or the CLI. Version 1.00, includes source. Author: Stephen Vermeulen FF85

Vnews A simple news file reader, that will read all the news files in a specified directory, optionally starting with a specified file. Includes source. Author: Stephen Vermeulen FF85

VoiceFiler Voice filer program for Yamaha DX series synthesizers. Voices are transferred to and from the Amiga over MIDI. Author: Jack Deckard FF38

Vortex A universal accented character converter for Amiga, IBM-PC, Macintosh, and C64 files written in most west european languages (Danish, Finnish, French, German, Italian, Icelandic, Norwegian, Spanish, Swedish, and more. Works with either ASCII or Word Perfect files. Version 1.5, includes source. Author: Michel Laliberte FF454

VPG Video pattern generator for aligning monitors. Executable program and documentation. AM18

VRTest Another anti-virus utility that allows visual inspection of RAM starting a \$7E/FE, RAM cleaning, bootblock inspection and vector monitoring/resetting. Written entirely in assembly language. Version 3.2, binary only. Author: Babar Khan FF161

VSnap This is an enhanced version of Snap 1.3, submitted by Steve Vermeulen, which adds the ability to save clipped graphics as IFF FORM ILBM's to the clipboard, so they can be imported to other programs that understand IFF and the clipboard. Dubbed it VSnap, since the official 1.4 Snap is also included on this disk. Includes source. By: Mikael Karlsson, enhancements by Steve Vermeulen FF326

vsprite VSprite example C code from Commodore, S-E-D. AM12

VSprites Vsprite example from Rob's book 'Programmers' Guide To The Amiga' Produces 28 VSprites on screen simultaneously, using only three distinct sets of colors. Includes source. Author: Rob Peck FF61

Vsprites A working vsprite example. Author: Eric Cotton FF55

Vt100 A vt100 emulator for the Amiga, which also supports various file transfer protocols like kermit, xmodem, ymodem, zmodem, etc, has an AREXX port, can use custom external protocol modules, and more. This is version 2.9a. Includes source. Author: Dave Wecker, Tony Sumrall, Frank Anthes, and Chuck Forsberg FF330, FF275, FF138, FF114, FF55, FF47, FF41, FF36, FF31, FF29, AM17

VTek V2.3.1 Tektronix graphics terminal emulator based on the VT-100 prog. V2.3 and contains latest 'arc' file compression. AM17

Vttest Program to test compatibility of vt100-compatible terminals and terminal emulators. Requires the resources of a UNIX system to test an Amiga hosted vt100 emulator. (I haven't yet found one that even comes close to passing this test!). Author: Per Lindberg FF35

VU Todor Fay's SoundScape module source code from his AC articles. The Lattice and Manx C source code is here, along with the executable modules. AM26

WackCmds Text tips on using Wack. AM1

wailing guitar Sound demonstration icon-driven part of a set on AMICUS 10 AM10

WaitAnyKey A CLI command which will wait until the user presses any key. Useful for batch files, to pause until any key is struck. Version 1.00, includes source in assembly. Author: Roger Fischlin FF437

Wanderer A neat little game with graphics and sound, ported from the Unix version, originally written on a Sun workstation. The idea for Wanderer came from games such as Boulderdash, Xor, and the Repton games from Superior Software. Includes a builtin editor for extending the game by adding additional screens. V2.2, includes source. Author: Steven Shipway and others. Amiga port by Alan Bland FF216

WarpText Fast text rendering routines, to be linked with application programs. Reported to be able to display text as fast or faster than, 'blitz'. This is an update to the version released on FF87. Version 2.0, includes source. Author: Bill Kelly FF96, FF87

WarpUtil Warp (version 1.11), UnWarp (version 1.0), and WarpSplit (version 1.1). Warp reads raw filesystems and archives them into a compressed version in a normal file. UnWarp turns them back into filesystems. WarpSplit splits them up into smaller pieces on a track by track basis. Binary only. Author: SDS Software FF243

WArranger Sends a window, identified by its name, to the front or to the back, without selecting it. Useful in conjunction with AmiCron. Works on all screens. Includes source in assembler. Author: Heiko Rath FF139

WatchMan A little screen hack inspired by 'EyeCon' on Sunsystems. Includes source. Author: Jonas Petersson FF283

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User's Groups
Vendor Information
Product Index by Product
Product Index by Vendor
Category Index
Last Minute Additions

water drip Sound demonstration icon-driven part of a set on AMICUS 10 AM10

WaveBench This is Bryce Nesbitt's Badge Killer Demo Contest entry. It is a neat screen hack, and runs on 512K machines. For more laughs, try in conjunction with Viacom or Ds (Dropshadow). Includes source. Author: Bryce Nesbitt FF112

Waveform Jim Shields' Waveform Workshop in AmigaBASIC. In C source code and documentation. AM19

WaveMaker WaveMaker is intended to give beginning music and physics students a 'hands on' feel for how complex waves are made by adding a harmonic series of sine waves. A fundamental and up to seven harmonics are available. The resulting waveform can be displayed on the screen or played on the audio device using the keyboard like a piano. A game mode is also provided. Version 1.1, includes source. Author: Thomas Meyer FF318

WBAssign A small WorkBench program that creates AmigaDOS assignments without having to open a CLI. Assignments may be made by specifying a complete path (as supported by the CLI command), or by specifying a path relative to the current directory. This allows a program and its assigns to be moved easily. In addition, WBAssign can create assigns specified in the icon files of other programs located anywhere in the system. This is version 1.20, binary only. Author: John Gerlach Jr. FF277

WBColors A simple little program to change the Workbench colors to a predetermined color set, for programs that expect to be booted off their distribution disk but instead are run from a hard disk. Includes source. Author: Stefan Lindahl FF121

WBD Possibly the smallest utility to set the workbench screen to any depth. Includes source in C. By: Oliver Wagner FF346

WBDepth CLI program that allows you to change the number of bitplanes for the WB screen on the fly. Very useful for A500 and A2000 users with kickstart in ROM. Binary only. Author: Andry Rachmat FF175

WBDualIFF An example of using a dual-playfield screen, using a method contrary to documentation in the Intuition Manual. Fixed version of copy released on FF41. Includes source. Author: Jim Mackraz FF87

WBDump JX-80 optimized workbench printer that does not use DumpRPort. Much more efficient than the Amiga JX-80 driver for fullscreen dumps Includes source. Author: John Hodgson FF58

WBGauge A utility to patch AmigaOS 2.0 to bring back the little gauge in the left border of disk windows, showing the ratio of available space on the disk. Version 1.0, binary only. Author: Jean-Michel Forgeas FF417

WBLander This entry from the Badge Killer Demo Contest is a special version of the WBLander program from FF100. The ending is unique. Also uses sound effectively. Includes source. Authors: Peter da Silva and Karl Lehenbauer FF114, FF100

WBPIc Replaces Workbench's color 0 with an IFF hires non-interlaced picture, in 2 or 4 colors. Version 1.0, includes source in Modula-II. Author: Fridtjof Siebert FF234

WBRes A program that allows WorkBench users to have resident programs, as in the resident capability of WShell, the ARP shell, and the WB1.3Shell. Version 1.2b, shareware, binary only. Author: John Bickers FF277

WBrun A program designed to allow any program to be invoked from CLI yet behave as if it were invoked from Workbench. Workbench need not be loaded, thus saving the memory that Workbench would normally use. Author: JohnToebes FF43

WBShadow A small program that creates a shadow for everything that's displayed on your WorkBench (Windows, Icons, Gadgets, Menus, Texts, etc). V 1.0, Source in Modula-II. Author: Fridtjof Siebert FF253

Wc A 'word count' program, ala UNIX's wc, that is faster because it doesn't count what you don't ask for, plus some other improvements. Includes source. Author: Steve Summit FF69

Webster The dictionary page in an IFF picture. AM7

weird A program written in AmigaBASIC that makes strange sounds. AM11

WFrags Another version of Frags, but this one pops up a nice little window that updates occasionally. Necessary for developers who wonder what their program is doing to memory, or wonder why they can't load that program. Includes source. Author: Tomas Kackicki FF131

Wharves HIREs BW tall ships in port FF72

WhatIs A neat little utility which not only recognizes a wide variety of file types (executables, IFF, icons, zoo files, etc), but prints interesting information about the structure or contents of the recognized file types, such as what libraries, devices, resources, fonts, etc. a program uses. This is version 2.0, an update to version 1.2a on disk 334, and is for AmigaDOS 2.0 only. Binary only. Author: Jorrit Tyberghein FF334

WhatIs A neat little utility which not only recognizes a wide variety of file types (executables, IFF, icons, zoo files, etc), but prints interesting information about the structure or contents of the recognized file types. Version 1.2a, binary only. Author: J. Tyberghein FF334

Wheel Nice little 'Wheel of Fortune' type game, written in AmigaBASIC Author: Hari Wiguna FF67

WheelChairSim A wheelchair simulator developed as a project for the Technical Resource Centre and the Albert Children's Hospital, to allow the matching of a wheelchair joystick to a child's handicap and allow the child to practice using the chair in a safe (simulated) environment. Binary only. Author: Unknown, submitted by Dr. Mike Smith FF139

wheels One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13, AM1

Whence Whence will locate any program/file in your current path. Similar to the UNIX whence command. Version 1.0, binary only. Author: George Kerber FF432

WhereIs Program which searches a disk for the first or multiple occurrences of a file with a given name. Author: Steve Poling FF45

WhereIs Another 'find-that-file' utility. Whereis searches on your (hard-)disk for a file(name) and displays the path to that file. Some features are case independent search, wildcards, interactive mode (cd implemented), can display size and date of files, always abortable, can archive filenames for 'ZOO' (like fnams/recurd), and no recursive procedures. Includes source in C. Version 1.18 (2-15-90). Author: Roland Bless FF321

whereis.c Find a file searching all subdirectories. C program. AM5

WhichFont.c Loads and displays all available system fonts process.i and prtbase.i assembler include files. C program. AM4, AM1

whistle. Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Who A rewrite of 'who', from FF79, which gives substantially more elaborate information about the tasks currently running (or waiting) on your Amiga. Includes source. Author: George Musser, rewrite by Paul Kienitz FF224, FF79

Why replace your AmigaDOS CLI Why AM24

Wicon A 'Window Iconifier'. Allows you to turn your windows into small icons which can be later recalled. Currently installed with MacWin to give your windows a 'rubber-banding' effect. Version 1.14, Includes source. Author: Steven Sweeting Introducing the Amiga FF154

Wild Two versions of UNIX shell style wildcard matching routines. Author: Rich Salzand Fred Fish FF43

Window Sample program which shows how to create a DOS window in a custom screen Author: Andy Finkel FF38

WinMan A very simple utility to manipulate windows. It adds some menus to the workbench, which you can use to shrink, maximize, tile or cascade your windows. AmigaDOS 2.0 only. Version 1.0, includes source. Author: Jorrit Tyberghein FF420

WinSize CLI window utility resizes current window. In C source code, executable program, and documentation. AM19

WireDemo Matt's entry for the Badge Killer Demo Contest. Demonstrates the Amiga's line drawing speed. Runs on a 512K Amiga. Includes source. Author: Matt Dillon FF118

WitchingHour A game. AmigaBASIC Program. AM3

With CLI command that allows you to start any other CLI command several times and give it all the files that match a file pattern as an argument, one at a time. V 1.0, Modula-II Source. By: Fridtjof Siebert FF253

wKeys A 'hot-keys' program that binds keyboard function keys to window manipulation functions (window activation, front to back, moving screens, etc). Includes source. Author: Davide Cervone FF128

WO An intuition-based address book that allows saving of data in normal or password-encoded form. Version 1.0, includes partial source, (password encoding routines not included). Author: Heinzelmann FF363

Woman&Pencil Famous IFF image of a woman holding a pencil (seen in early Digi-View™ advertisements). AM7

Wombat Yet another terminal emulation program. Version 3.01. Has user settable cursor, programmable function keys, vt-102 emulation, auto-dialing, loadable settings files, and more Author: Dave Warker FF50

WonderSound Wondersound is an additive harmonic instrument design tool with a separate envelope design window and 16 relative harmonic strength and phase angle controls. Version 1.7, an update to version 1.6 on disk 428. Binary only. Author: Jeffrey Harrington FF449, FF428, FF407

WordPuzzle The object of this game is to find a word in a puzzle arrangement. There are three different variations of the game. Version 1.1, includes source in BASIC. Author: Russell Mason FF469

World A text adventure game similar to the Infocom adventures of Planetfall and Starcross. Quite large with a tremendous variety of responses. V1.02, includes source. By Doug McDonald, Amiga port by Eric Kennedy FF184

WorldDataBank A project using geographical data, declassified and made available by the CIA under the Freedom of Information Act, to draw a Mercator projection of any area of the Earth that you would like to inspect, in various degrees of magnification. Also includes a program that displays a 'satellite view' of any region. Version 2.0, includes source. Author: The CIA, Mike Groshart, Bob Dufford FF262

WorldMap A world map in an IFF picture. AM6

WorldMap An AmigaBASIC program which draws a map of the world. AM9

Worm An Amiga implementation of the classic 'worms' program, based on an article in the Dec 1987 issue of Scientific American. You can specify the size and length of the worms, and the number of worms. Includes source. Author: Brad Taylor, Amiga port by Chuck McManis FF218

Wrap A program to wrap a Sculpt-Animate 4D image around a sphere or cylinder. You can even use relieved surfaces to construct planetary objects or other textured shapes. Version 1.32, shareware, binary only. Author: Martin Koistinen FF414

Wreq Replace 'pop-up' requestors with line-oriented requestors (similar to those found in an MS-DOS environment) that can be easily handled from the keyboard. If there is no interactive console for the process, the requester won't appear. Includes assembly source. Author: Tuomo Mickelsson FF387

WriteIcon Sample code that creates an icon using a compiled-in image, the source of which can be created with Icon2C on FF56. Version 1.0, includes source in C. Author: Dan Burris FF297

Writing Faster Assembly: Continuing the discussion of speeding up programs. Author: Martin F. Combs AC13

WTF WTF (Window To Front) is a little hack which brings a window to the front when double-clicked. Includes source. Author: Thomas Albers FF416

X-Spell A spelling checker to proofread text files and then allow you to move through the document, deciding what to do with the misspelled words. Suggested \$15 donation. Author: Hayes Haugen FF40

X2X Cross converts between Motorola/Intel/Tektronix ASCII-hex files. These files are typically used for down-loading into EPROMs, or for transmission where binary files cause chaos. Handles SI, S2, S3, INTEL (inc USB A records), Tektronix (inc extended). Source included. Author: Gary Duncan. FF345

XBoot A very simple utility to convert a boot block into an executable file so you can use your favorite debugger (Wack, Dis, etc.) to study it. Includes source. Author: Francois Rouaix FF161

XColor A program designed to change the colors of any screen. You can also add and subtract bitplanes in the screen, or convert the screen to black and white (grayscale). Handles HAM and EHB screens. Version 1.2, includes source in assembly code. Author: Roger Fischlin FF244

XColor-Lib Link library with a full-fledged color requester along with several color functions like copy, spread, exchange, antique black & white, etc. to aid in creating your own custom color requestors. Contains several demos along with include files for C, AmigaBasic, DevPac Assembler and KickPascal. Author: Roger Fischlin FF361

XCOPY A replacement for the AmigaDOS copy command. Preserves the file date, provides an 'update only' option, and uses UNIX type wildcards. Binary only. Author: Lee Robertson FF74

Xebec A couple of hacks to make life easier for those who have Xebec hard disks. One makes it more possible to Mount a Xebec hard disk with the Fast File System, the other is a compact head parking program. Includes source. Author: Paul Kientz FF224

xenos One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. The program on AMICUS 1 is in ABASIC FF13, AM1

XenoZap A program that recursively descends into directories, disabling the Xeno virus in all executable files that it finds. Version 1.0, includes source in Modula-2. Author: Kevin Kelm FF300

XfrmrReview Textlist of Transformer programs that work. AM9

XHair Replaces the mouse pointer with a screen wide crosshair, which is useful for positioning things vertically or horizontally. V1.0, includes source in Modula-II. By Fridtjof Siebert FF234

Xicon Xicon lets you use icons to call up scripts containing CLI commands. V2.5, an update to FF157. New features include automatic selection of the correct execution directory, the option to have keyboard interaction, and the use of IF, ELSE, etc DOS commands. Binary only. Author: Pete Goodeve FF290, FF157, FF102, FF31

Xlisp Small lisp type interpreter, binary only (source to older version was on disk #18). Version 1.7. Author: Dave Betz FF39, FF18, FF3

XLispStat A statistical program based on David Betz' XLisp. It does some of the most advanced dynamic statistical graphics, included brushing, linking, and 3D rotations. Menus and requestors can be created dynamically with simple lisp commands, and treated as lisp objects, so that the program could be used for many other non-statistical purposes, such as interactive expert systems. XLisp-Stat has an AREXX port so that an editor may be used to prepare lisp programs and send them directly to XLisp-Stat to be executed. Commands, as character strings, may also be sent from XLisp-Stat with the lisp command, 'arexx'. All graphics produced may be saved to files in IFFformat. This version of XLisp-Stat (v.2.1, release 1) has been ported to the Amiga by James Lindsey, from the Mac version supplied by Luke Tierney. Requires a numerical coprocessor (M68881/M68882) and an M68020/M68030 processor. This disk contains the executables, manual, and lisp files. The sources can be found on disk 386. Author: David Betz, Luke Tierney, James Lindsey FF385

XLispStat A statistical program based on David Betz' XLisp. It does some of the most advanced dynamic statistical graphics, included brushing, linking, and 3D rotations. Menus and requestors can be created dynamically with simple lisp commands, and treated as lisp objects, so that the program could be used for many other non-statistical purposes, such as interactive expert systems. XLisp-Stat has an AREXX port so that an editor may be used to prepare lisp programs and send them directly to XLisp-Stat to be executed. Commands, as character strings, may also be sent from XLisp-Stat with the lisp command, 'arexx'. All graphics produced may be saved to files in IFFformat. This version of XLisp-Stat (v.2.1, release 1) has been ported to the Amiga by James Lindsey, from the Mac version supplied by Luke Tierney. Requires a numerical coprocessor (M68881/M68882) and an M68020/M68030 processor. This disk contains the sources. The executables, manual, and lisp files can be found on disk 385. Author: David Betz, Luke Tierney, James Lindsey FF386

xmodem One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

Xnum A useful CLI conversion utility that takes a decimal, binary, octal or hex number as input and displays the number in all four formats. Binary only. Author: Oliver Ensling FF379

Xoper Very comprehensive program to monitor and control system activity. Monitor cpu, memory usage, ports, interrupts, devices. Close windows, screens, show loaded fonts or last Guru code number. Clean up memory, flush unused libraries, devices, fonts, etc. and a whole bunch more! Spawns its own process. A very handy background task to have loaded. This is version 2.2. Changes include mostly bug fixes and some minor enhancements. Assembly source included. Author: Werner Gunther FF318, FF274, FF228, FF171

Xplor A program that scans all the system lists that start in ExecBase and prints out their names and addresses at which they start. Includes assembly source. Author: Larry Phillips FF73

XprKermit An Amiga shared library which provides Kermit file transfer capability to any XPR-compatible communications program. Supports version 2.0 of the XPR Protocol specification. Version 1.5, includes source. Author: Marco Papa, Stephen Walton FF330

XprLib External file transfer protocol library. Document and code example for implementing external file transfer protocols using Amiga shared libraries. This is version 2.0 with many extensions and enhancements. Includes sample XPR library and source. Author: Willy Langeveld FF247, FF240

XprTransmit XprTransmit is an Cli-based command that allows you to easily access to any Xpr Library without having to worry about call-back-function etcetera. It is able to access every serial.device-like exec-device. Only little documentation. Version 1.0, binary only. Author: Andreas Schildbach FF369

XprZmodem An Amiga shared library which provides Zmodem file transfer capability to any XPR-compatible communications program. This is version 2.10, an update to version 2.0 on disk 261. Includes source. Author: Rick Huebner FF459, FF261, FF236

Xref A C cross-reference gen., C program in C source code and executable. AM3

xrf C cross reference utility. Originally from Decus C distribution. Author: Bob Denny FF2

YaBoingII A game program demonstrating hardware sprite usage, including collision detection. + Includes source. Author: Ali Ozer, based on original by Leo Schwab FF136, FF36

Yacc This is a port of Berkeley Yacc for the Amiga. This Yacc has been made as compatible as possible with the AT&T Yacc, and is completely public domain. Note that it is NOT the so-called Decus Yacc, which is/was simply a repackaging of the proprietary AT&T Yacc. This is an update to the version on disk 299. Includes source. Author: Bob Corbett et. al. FF419, FF299

YachtC3 Update to the Yachtc program on disk #10, contains some fixes and incorporates a simple sound process. Version 3, includes source. Author: Sheldon Leemon, with enhancements by Mark Schretlen FF158, FF10, AM2

Yaiffr Yet Another IFF Reader. Handles HAM, HIREs, and overscan, includes source. Author: Leo Schwab FF87

Yawn! A small WorkBench sliding block puzzle to keep your mind and fingers busy while your compiler is busy crunching away on your highly secret, hard earned source code that you hopefully remembered to unscramble first! Features selectable size from 4x4 to 7x7 and European, Hindi or Arabic numerals. Includes source. Author: Lorenz Wiest FF379

YoYo weird zero-gravity yo-yo demo, tracks yo-yo to the mouse, in AmigaBASIC. AM8

Zc A full K&R C compiler based on a port of the Atari ST version of the Sozobon-C compiler. Includes the Compiler main pass written by Johann Ruegg with fixes and enhancements by Joe Montgomery and Jeff Lydiatt, a cc front end written by Fred Fish with enhancements by Jeff Lydiatt and Ralph Babel, an optimizer written by Tony Andrews, an assembler written by Brian Anderson and Charlie Gibb, a linker written by the Software Distillery, generic include files, and a C runtime library written by Dale Schumacher and ported by Jeff Lydiatt. This is version 1.01. Author: Various, see documentation. FF314, FF193

Zerg An Ultima clone that takes your character through a simple but deadly fantasy world where you get to slaughter monsters, talk with the inhabitants of fully populated towns, embark on royal quests, purchase a plethora of weapons, cast spells, and otherwise occupy yourself while your computer is engaged in more important business. Version 1.0, binary only. Author: Mike Shapiro FF252

ZeroVirus A fully integrated virus checker and killer, with bootblock save and restore features. Finds both bootblock and file based viruses. Uses Brainfiles to recognise viruses, and has on-line Brainfile editing facilities. Can be identified to Workbench screen. This is version III 1.15, an update to version 2.01 on disk 287. Binary only. Author: Jonathan Potter FF412, FF287, FF242

Zippy A 'Graphical Shell'. Opens a medium-size window and attaches a menu-strip for performing all sort of disk/ data manipulations. Features script files allowing you to attach custom menu selections as you move between directories. Also included is an intuition based utility for altering Fileinfo data. (filename, filenote, RWED attributes, etc.) Version 2.5, binary only. Author: Michael Weiblen FF175

Zon An arcade/adventure game that mixes a unique blend of puzzle solving and arcade adventure. Your mind and your reflexes will both be tested to their limits as you work your way towards your goal, recovering the Rings of Zon. Has 19 levels of action, save/restore your game on any level, stereo digitized soundtracks and sound effects, over 100 objects to discover and explore, up to 300 moving objects on the screen at once, and more. Volume 1, shareware, binary only. Author: George Broussard FF421

Zoo A file archiver, much like 'arc' in concept, but different in implementation and user interface details. Includes some nice features that 'arc' lacks (such as file/path names up to 255 characters in length). This is version 2.00, an update to the version released on FF 136. Binary only. Author: Rahul Dhesi, Amiga port by Brian Waters FF164, FF136, FF108, FF87

Zoom A fast and efficient floppy disk archiving utility based on the data compression / decompression algorithms used by lh.library. Has an Intuition and a Shell interface, fully supports Kickstart 2.0, is able to add texts and notes to archived output files, knows 66 different bootblock viruses, includes a number of compression parameters (such as encryption of the output file) and a lot more. Version 3.10, binary only. Author: Olaf 'Olsen' Barthel FF436

ZoomBox: Attaches a zoom box to an Intuition window and allows the user to toggle the window's size and its position. Author: John Leonard AC12

ZPlot Graphs formulas based on 4-D complex number planes. ZPlot currently supports the Mandelbrot set, julia sets, and Phoenix curves, with over 500 mapping variations. The math functions supported include sin(z), sinh(z), z^z, e^z, z^n, sqrt(z), cos(z), cosh(z), tan(z), tanh(z), log(z), ln(z) and n^z. Version 1.3d, binary only. Author: Terry Gintz FF389

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AC V3.8 and V3.9

Gels in MultiForth Parts I & II: Learn how to use Gels in MultiForth. Author: John Bushakra

FFP & IEEE: An Example of using FFP & IEEE math routines in Modula-2. Author: Steve Faiwizewski

CAI: A Computer Aided Instruction program with editor written in AmigaBASIC. Author: Paul Castonguay

Tumblin' Tots: A complete game written in Assembly language. Save the falling babies in this game. Author: David Ashley

VGad: A gadget editor that allows you to easily create gadget. The program then generates C code that you can use in your own programs. Author: Stephen Vermeulen

MenuEd: A menu editor that allows you to easily create menus. The program then generates C code that you can use in your own programs. Author: David Pehrson

Bspread: A powerful spread sheet program written in AmigaBASIC. Author: Bryan Catley

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AC V4.3 and V4.4

Fractals Part I: An introduction to the basics of fractals with examples in AmigaBASIC, True BASIC, and C. Author: Paul Castonguay

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Double Playfield: Shows how to use dual playfields in AmigaBASIC. Author: Robert D'Asto

'881 Math Part I: Programming the 68881 math coprocessor chip in C. Author: Read Predmore

Args: Passing arguments to an AmigaBASIC program from the CLI. Author: Brian Zupke

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AC V4.5 and V4.6

Digitized Sound: Using the Audio.device to play digitized sounds in Modula-2. Author: Len A. White

'881 Math Part II: Part II of programming the 68881 math coprocessor chip using a fractal sample. Author: Read Predmore

At Your Request: Using the system-supplied requestors from AmigaBASIC. Author: John F. Wiederhim

Insta Sound: Tapping sound from AmigaBASIC using the Wave command. Author: Greg Stringfellow

MIDI Out: A MIDI program that you can expand upon. Written in C. Author: Br. Seraphim Winslow

Diskless Compiler: Setting up a compiler environment that doesn't need floppies. Author: Chuck Raudonis

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AC V4.7 and V4.8

Fractals Part II: Part II on fractals and graphics on the Amiga in AmigaBASIC and True BASIC. Author: Paul Castonguay

Analog Joysticks: The code for using analog joysticks on the Amiga. Written in C. Author: David Kinzer

C Notes: A small program to search a file for a specific string in C. Author: Stephen Kemp

Better String Gadgets: How to tap the power of string gadgets in C. Author: John Bushakra

On Your Alert: Using the system's alerts from AmigaBASIC. Author: John F. Wiederhim

Batch Files: Executing batch files from AmigaBASIC. Author: Mark Aydelotte

C Notes: The beginning of a utility program in C. Author: Stephen Kemp

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AC V4.9

Memory Squares: Test your memory with this AmigaBASIC game. Author: Mike Morrison

High Octane Colors: Use dithering in AmigaBASIC to get the appearance of many more colors. Author: Robert D'Asto

Cell Animation: Using cell animation in Modula-2. Author: Nicholas Cirasella

Improving Graphics: Improve the way your program looks no matter what screen it opens on. In C. Author: Richard Martin

Gels in Multi-Forth-Part 3: The third and final part on using Gels in Forth. Author: John Bushakra

C Notes V4.9: Look at a simple utility program in C. Author: Stephen Kemp

1D_Cells: A program that simulates a one-dimensional cellular automata. Author: Russell Wallace

Colourscope: A shareware program that shows different graphic designs. Author: Russell Wallace

ShowILBM: A program that displays lo-res, hi-res, interlace and HAM IFF pictures. Author: Russell Wallace

Labyrinth_II: Roll playing text adventure game. Author: Russell Wallace

Most: Text file reader that will display one or more files. The program will automatically format the text for you. Author: Russell Wallace

Terminator: A virus protection program. Author: Russell Wallace

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AC V4.10 and V4.11

Typing Tutor: A program written in AmigaBASIC that will help you improve your typing. Author: Mike Morrison

Glatt's Gadgets: Using gadgets in Assembly language. Author: Jeff Glatt

Function Evaluator: A program that accepts mathematical functions and evaluates them. Written in C. Author: Randy Finch

Fractals: Part III: AmigaBASIC code shows you how to save/load pictures to disk. Author: Paul Castonguay

More Requestors: Using system calls in AmigaBASIC to build requestors. Author: John Wiederhim

Multi-Forth: Implementing the ARP library from Forth. Author: Lonnie A. Watson

Search Utility: A file search utility written in C. Author: Stephen Kemp

Fast Pics: Re-writing the pixel drawing routine in Assembly language for speed. Author: Scott Steinman

64 Colors: Using extra-half-brite mode in AmigaBASIC. Author: Bryan Catley

Fast Fractals: A fast fractal program written in C with Assembly language subroutines. Author: Hugo M. H. Lypkens

Multitasking in Fortran: All the hard work is done here so you can multitask in Fortran. Author: Jim Locker

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AC V4.12 and V5.1

Arexx Part II: Information on how to set up your own ARexx programs with examples. Author: Steve Gilmor

Leggo My LOGO: A Logo program that generates a Christmas tree with decorations. Author: Mike Morrison

Trees and Recursion: An introduction to binary trees and how to use recursion. Written in C. Author: Forest Arnold

Source code and executable programs included for all articles printed in *Amazing Computing*.

C Notes: A look at two data compressing techniques in C.
Author: Stephen Kemp

Animation? BASICally: Using cell animation with AmigaBASIC.
Author: Mike Morrison

Menu Builder: A utility to help build menus in your own programs.
Written in C. Author: Tony Preston.

Dual Demo: How to use dual playfields to make your own arcade games. Written in C. Author: Thomas Eshelman.

Scanning the Screen: Part four in the fractals series. This article covers drawing to the screen. In AmigaBASIC and True BASIC.
Author: Paul Castonguay.

C Notes: Recursive functions in C. Author: Stephen Kemp.

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AC V5.2 and V5.3

Dynamic Memory! Flexible string gadget requester using dynamic memory allocation. Author: Randy Finch.

Call Assembly language from BASIC: Add speed to your programs with Assembly. Author: Martin F. Combs.

Conundrum: An AmigaBASIC program that is a puzzle-like game, similar to the game Simon. Author: Dave Senger.

Music Titrer: Generates a titler display to accompany the audio on a VCR recording. Author: Brian Zupke

C Notes From the C Group: Writing functions that accept a variable number of arguments. Author: Stephen Kemp

Screen Saver: A quick remedy to prolong the life of your monitor.
Author: Bryan Catley

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AC V5.4 and V5.5

Bridging The 3.5" Chasm: Making Amiga 3.5" drives compatible with IBM 3.5" drives. Author: Karl D. Belsom.

Ham Bone: A neat program that illustrates programming in HAM mode. Author: Robert D'Asto.

Handling Gadget and Mouse IntuiEvents: More gadgets in Assembly language. Author: Jeff Glatt.

Super Bitmaps in BASIC: Holding a graphics display larger than the monitor screen. Author: Jason Cahill

Rounding Off Your Numbers: Programming routines to make rounding your numbers a little easier. Author: Sedgwick Simons

Mouse Gadgets: Faster BASIC mouse input.
Author: Michael Fahrion

Print Utility: A homemade print utility, with some extra added features. Author: Brian Zupke

Bio-feedback/Lie detector Device: Build your own lie detector device. Author: John Iovine.

Do It By Remote: Build an Amiga-operated remote controller for your home. Author: Andre Theberge

AC V5.6 and V5.7

Convergence: Part five of the Fractal series.
Author: Paul Castonguay

Amiga Turtle Graphics: Computer graphics and programming with a LOGO-like graphics system. Author: Dylan MnNamee

C Notes: Doing linked list and doubly linked lists in C.
Author: Stephen Kemp

Tree Traversal & Tree Search: Two common methods for traversing trees. Author: Forest W. Arnold

Exceptional Conduct: A quick response to user requests, achieved through efficient program logic.
Author: Mark Cashman.

Getting to the Point: Custom Intuition pointers in AmigaBASIC.
Author: Robert D'Asto

Crunchy Frog II: Adding windows and other odds and ends.
Author: Jim Fiore

Synchronicity: Right and left brain lateralization.
Author: John Iovine

C Notes From the C Group: Doubly linked lists revisited.
Author: Stephen Kemp

Poor Man's Spreadsheet: A simple spreadsheet program that demonstrates manipulating arrays.
Author: Gerry L. Penrose.

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AC V5.8, V5.9 and AC V5.10

Fully Utilizing the 68881 Math Coprocessor Part III: Timings and Turbo_Pixel Function. Author: Read Predmore.

C Notes From the C Group 5.8 & 5.10: Functions supporting doubly linked lists, and a program that will examine an archive file and remove any files that have been extracted.
Author: Stephen Kemp

Time Out! Accessing the Amiga's system timer device via Modula-2. Author: Mark Cashman

Stock-Portfolio: A program to organize and track investments, music libraries, mailing lists, etc. in AmigaBASIC.
Author: G. L. Penrose.

CygCC: An ARexx programming tutorial.
Author: Duncan Thomson.

Programming in C on a Floppy System: Begin to develop programs in C with just one megabyte of RAM. Author: Paul Miller.

Koch Flakes: Using the preprocessor to organize your programming. Author: Paul Castonguay

Audiollusion: Experience an amazing audio illusion generated on the Amiga in Benchmark Modula-2.
Author: Craig Zupke

Pictures: IFF pictures from past Amazing Computing issues.

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AC V5.11, V5.12 & V6.1

Keyboard Input in Assembly: Fourth in a series of Assembly 68000 programming tutorials. Author: Jeff Glatt.

A Shared Library for Matrix Manipulations: Creating a shared library can be easy. Author: Randy Finch.

C Notes From The C Group: A discussion on cryptography.
Author: Stephen Kemp

ZoomBox: Attaches a zoom box to an Intuition window and allows the user to toggle the window's size and its position. Author: John Leonard

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AC V6.2 and V6.3

C Notes 6.2: A reminder program to display messages. Author: Stephen Kemp

More Ports For Your Amiga: Files to accompany article. Author: Jeff Lavin

Ultra Sonic Ranging System: BASIC Sonar Ranging program.
Author: John Iovine

Writing Faster Assembly: Continuing the discussion of speeding up programs. Author: Martin F. Combs

C Notes 6.3: Working with functions. Author: Stephen Kemp

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AC V6.4 and V6.5

Blitz Basic: Here are some examples created with M.A.S.T.'s integrated BASIC environment. Author: Paul Castonguay

Creative And Time-Saving Techniques: Enhancing and fine-tuning images through definition. Part of the Fractal series.
Author: Paul Castonguay.

Practal Modula-2 Buffered Disk I/O: Buffer file input and output to improve disk accessing speed. Author: Michal Todorovic.

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AMICUS Index

•AMICUS Disk 1•

3DSolids 3D solids modeling program. w/ sample data files. ABasiC program

Blocks Draws blocks. ABasiC program

Cubes Draws cubes. ABasiC program.

Durer Draws pictures in the style of Durer. ABasiC program.

FScape Draws fractal landscapes. ABasiC program.

Hidden 3D drawing program, with hidden line removal. ABasiC program.

JPad Simple paint program. ABasiC program.

Optical Draw several optical illusions. ABasiC program.

PaintBox Simple paint program. ABasiC program.

Shuttle Draws the Shuttle in 3D wireframe. ABasiC program.

SpaceArt Graphics demo. ABasiC program.

Speaker Speech utility. ABasiC program.

Sphere Draws spheres. ABasiC program.

Spiral Draws color spirals. ABasiC program.

ThreeDee 3D function plots. ABasiC program.

Topography Artificial topography. ABasiC program.

Wheels Draws circle graphics. ABasiC program.

Xenos Draws fractal planet landscapes. ABasiC program.

Tools

AddressBook Simple database program for addresses. ABasiC program.

CardFile Simple card file database program. ABasiC program.

Demo Multiwindow demo. ABasiC program.

KeyCodes Shows keycodes for a key you press. ABasiC program.

Menu Run many ABasiC programs from a menu. ABasiC program.

MoreColors A way to get more colors on the screen at once using aliasing. ABasiC program.

Shapes Simple color shape designer. ABasiC program.

SpeakIt Speech and narrator demo. ABasiC program.

Games

BrickOut Classic computer brick wall game. ABasiC program.

Othello Also known as 'go', ABasiC program.

Saucer Simple shoot-em-up game. ABasiC program.

Spelling Simple talking spelling game. ABasiC program.

ToyBox Selectable graphics demo. ABasiC program.

Sound & Music

Entertainer Plays "The Entertainer", a Scott Japlan song made famous by "The Sting". ABasiC program.

HAL9000 Pretends it's a computer from the HAL series (2001). ABasiC program.

Police Simple police siren sound. ABasiC program.

SugarPlum Plays "The Dance of the Sugarplum Fairies". ABasiC program.

C programs

ATerm Simple terminal. C program, source code and executable program.

cc Aid to compiling with Lattice C.

deconvt Opposite of CONVERT for cross developers. C program.

Dotty Source code to the 'dotty' window demo. C program.

echox UNIX-style filename expansion, partial S, C program in C source code and executable. Documentation included.

fasterfp Explains use of fast-floating point math C program.

FixDate Fixes future dates on all files on a disk, C program in C source code and executable.

freedraw Simple four-color Workbench drawing program. C program. In C source code and executable.

GfxMem Graphic memory usage indicator, C program. Source code and executable program.

Grep Searches for a given string in a file with docs. HAM shows off the hold-and-modify method of color generation. C program.

IBM2Amiga Fast parallel cable transfers between an IBM and an Amiga C program.

Mandel Mandelbrot set program, C program in C source code and executable.

moire Patterned graphic demo, C program in C source code and executable.

objfix Makes Lattice C object file symbols visible to Wack, C program. In C source code and executable.

quick Quick sort strings routine. C program.

raw Example sample window I/O. C program.

setlace Turns on interlace mode, C program in C source code and executable.

sparks Qix-type graphic demo, C program in C source code and executable.

SpeechToy Speech demonstration. Executable program.

WhichFont Displays all available fonts. Executable program.

Texts

68020 Text describes 68020 speedup board from CSA.

Aliases Text explains uses of the ASSIGN command.

Bugs Text of known bug list in Lattice C 3.02.

CLICard Text file of a reference card for AmigaDOS CLI.

CLICCommands Text guide to using the CLI.

Commands Shorter guide, in text, to AmigaDOS CLI commands.

EdCommands Text guide to the ED editor.

FileNames AmigaDOS filename wildcard conventions in a text file.

HalfBright Text explains rare graphics chips that can do more colors.

ModemPins Text description of the serial port pinout.

RAMdisks Text file with tips on setting up your RAM disk.

ROMWack Text files with tips on using ROMWack.

Sounds Text explanation of Instrument demo sound file format.

Speed Text file, refutation of Amiga's CPU and custom chip speed.

WackCmds Text tips on using Wack.

•AMICUS Disk 2•

C programs

alib AmigaDOS object library manager, C programs in C source code and executable.

ar Text file archive program, C program in C source code and executable.

fixobj Auto-chops executable files. C program in C source code and executable.

shell Simple CLI shell, S-E. C program in C source code and executable.

sq, usq File compression programs, C program in C source code and executable.

YachtC A familiar game, C program in C source code and executable.

Make A simple 'make' programming utility, C program in C source code and executable.

Emacs An early version of the Amiga text editor, C program in C source code and executable. Documentation provided.

Assembler programs

bsearch.asm Binary search code. Assembler program.

qsort.asm UNIX compatible qsort() function, source and C test program. Assembler program.

setjmp.asm setjmp() code for Lattice 3.02. Assembler program.

SVprintf UNIX system V compatible printf(). Assembler program.

trees.o UNIX compatible tree() function, Assembler program. Object file and documentation provided.

Tutorials

Animate Tutorial describes animation algorithms, by John Draper.

Gadgets Tutorial on gadgets from J. Draper.

Menus Learn about Intuition menus, a John Draper Amiga Tutorial.

•AMICUS Disk 3•

C programs

Xref A C cross-reference gen., C program in C source code and executable.

6bitcolor Extra-half-bright chip gfx demo, C program in C source code and executable.

Chop Truncate (chop) files down to size, C program in C source code and executable.

Cleanup Removes strange characters from text files. C program.

CR2LF Converts carriage returns to line feeds in Amiga files, C program.

Error Adds compile errors to a C file, C program in C source code.

Hello Window ex. from the RKM, C program in C source code.

Kermit Generic Kermit implementation, flakey, no terminal mode, C program. source code and executable.

Scales Sound demo plays scales, C program in C source code and executable program.

SkewB Rubik cube demo in hi-res colors, C program in C source code and executable.

AmigaBASIC pros(dir)

Automat Cellular automata simulation. AmigaBASIC Program.

CrazyEight Card game based on the children's traditional favorite.

Graph Function graphing programs. AmigaBASIC Program.

WitchingHour A game. AmigaBASIC Program.

ABasic programs

Casino Games of poker, blackjack, dice, and craps. ABasiC program.

Gomoku Also known as 'othello'. ABasiC program.

Sabotage Sort of an adventure game. ABasiC program.

Executable programs

Disassem A 68000 disassembler, Executable program.

DpSlide Shows a given set of IFF pictures, Executable program.

Arrange A text formatting program, Executable program.

Assembler programs:

Argoterm Terminal program with speech and Xmodem, Assembler program. source code and executable program.

•AMICUS Disk 4•

AMICUS Disk number 4 contains files from the original Amiga Technical BBS. Note that some of these files are old, and refer to older versions of the operating system. These files came from the Sun system that served as Amiga technical support HQ for most of 1985. These files do not carry a warranty, and are for educational purposes only. Of course, that's not to say they do not work.

image.ed Complete and nearly up-to-date C source to 'image.ed', an early version of the Icon Editor. This is a little flakey, but compiles and runs.

Intuition demo An Intuition demo, in full C source, including files: demomenu.c, demomenu2.c, demoreq.c, getasci.c, idemo.c, idemo.guide, idemo.make, idemoall.h, nodos.c, and twxite.c

addmem.c Add external memory to the system. C program.

bobtest.c Example of BOB use. C program.

consoleIO.c Console I/O example. C program.

creaport.c Create and delete ports. C program.

creastdi.c Create standard I/O requests. C program.

creatask.c Creating task examples. C program.

diskio.c Example of track read and write. C program.

dotty.c Source to the 'dotty window' demo. C program.

dualplay.c Dual playfield example. C program.

flood.c Flood fill example. C program.

freemap.c Old version of 'freemap'. C program.

gettools.c Tools for VSprites and BOBs. C program.

gfxmem.c Graphic memory usage indicator. C program.

hello.c Window example from RKM. C program.

inputdev.c Adding an input handler to the input stream. C program.

joystik.c Reading the joystick. C program.

keybd.c Direct keyboard reading. C program.

layeres.c Layers examples. C program.

mousport.c Test mouse port. C program.

ownlib.c Example of making your own library in C with Lattice. C program.

ownlib.asm Example of making your own library in Assembly with Lattice. C program.

paratest.c tests parallel port commands. C program.

seritest.c tests serial port commands. C program.

serisamp.c Example of serial port use. C program.

printintr.c Sample printer interface code. C program.

prtbse.h Printer device definitions. C program.

regintes.c Region test program. C program.

setlace.c Source to interlace on/off program. C program.

setparallel.c Set the attributes of the parallel port. C program.

SetSerial.c Set the attributes (parity, data bits) of the serial port. C program.

singplay.c Single playfield example. C program.

speechtoy.c Source to narrator and phonetics demo. C program.

timedely.c sSimple timer demo. C program.

timer.c Exec support timer functions. C program.

timstuf.c More exec support timer functions. C program.

WhichFont.c loads and displays all available system fonts process.i and prtbase.i assembler include files. C program.

autorqstr.txt Warnings of deadlocks with auto requesters. C program.

consoleIO.txt Copy of the RKM console I/O chapter. C program.

diskfont.txt Warning of disk font loading bug. C program.

fullfunc.txt List of #defines, macros, functions. C program.

inputdev.txt Preliminary copy of the input device chapter. C program.

License Text, License information on Workbench distribution license.

printer Printer pre-release copy of the chapter on printer drivers, from RKM 1.1.

v11fd.txt 'diff' of .fd file changes from version 1.0 to 1.1.

v28v1.diff 'diff' of include file changes from version 28 to 1.0.

•AMICUS Disk 5•

Files from the Amiga Link /Amiga Information Network. Note that some of these files are old, and refer to older versions of the operating system. These files are from Amiga Link. For a time, Commodore supported Amiga Link, aka AIN, for online developer technical support. It was only up and running for several weeks. These files do not carry a warranty, and are for educational purposes only. Of course, that's not to say they don't work.

menudemo A demo of Intuition menus called 'menudemo', in C source. C program.

whereis.c Find a file searching all subdirectories. C program.

bobtest.c BOB programming example. C program.

sweep.c Sound synthesis example. C program.

Assembler files

mydev.asm Sample device driver. Assembler file.

mylib.asm Sample library example. Assembler file.

mylib.i

mydev.i

asmsupp.i

macros.i Assembler include files.

Texts

amigatricks Text, tips on CLI commands.

extdisk Text, external disk specification.

gameport Text, game port spec.

parallel Text, parallel port spec.

serial Text, serial port spec.

v1.1update Text, list of new features in version 1.1.

v1.1h.txt Text, 'diff' of include file changes from version 1.0 to 1.1.

Printer driver Text files for building your own printer drivers, including dospecial.c, epsondata.c, init.asm, printer.c, printer.link, printertag.asm, render.c, and wait.asm.

IFF specs This disk does contain a number of files describing the IFF specification. These are not the latest and greatest files, but remain here for historical purposes. They include text files and C source examples. The latest IFF spec is elsewhere in this library.

•AMICUS Disk 6•

DPSlide Program, can view a given series of IFF pictures.

SlideShow A 'showpic' program which can view each IFF picture file at the click of an icon.

ArticFox.pic A IFF screen from ArticFox.

Degas.pic A Degas dancer IFF screen.

Degas2.pic A Degas dancer.IFF screen.

Degas3.pic A Degas dancer.

Degas4.pic A Degas dancer.

EAguy.pic The guys at Electronic Arts.

mandrill A gorilla in an IFF picture.

Horses.pic Horses in an IFF picture.

KingTut King Tut in an IFF picture.

Lighthouse A lighthouse in an IFF picture.

MarbleMadness.pic A screen from Marble Madness.

Martian The Bugs Bunny Martian in an IFF picture.

MovieGuys.pic A still from an old movie in an IFF picture.

MTV The Dire Straits moving company in an IFF picture.

PinballConstSet.pic A screen from Pinball Construction Set in an IFF picture.

NewsCaster.pic A TV newscaster in an IFF picture.

PaintCan.pic The PaintCan in an IFF picture.

WorldMap A world map in an IFF picture.

Porsche A Porsche in an IFF picture.

ShuttlePatch A shuttle mission patch in an IFF picture.

T.Rex A tyrannosaurus rex in an IFF picture.

PolarView A planet view in an IFF picture.

VisaCard A VISA card in an IFF picture.

TenSpeed A ten-speed in an IFF picture.

Saturn An IFF picture.

Starflight An IFF picture.

Uranus An IFF picture.

Venus An IFF picture.

•AMICUS Disk 7•

AMICUS Disk 7 contains the Digi-View HAM demo picture disk. These are pictures from the Digi-View hold-and-modify video digitizer.

LollypopLady Famous Lady with lollypop picture which caused so many people to purchase the Amiga for its graphics. An IFF picture.

Child Toddler digitized forever in Amiga history, an IFF picture.

ComputerBlocks An IFF image of multicolored computer composed shapes as blocks.

Dozer An IFF picture of a bulldozer.

Horse&Buggy Hanson cab in an IFF picture.

OldMan Shades of Santa digitized in an IFF picture.

PeopleCable An IFF picture resembling an old BYTE Magazine cover.

Robert Grey scale digitization of a startled young man, an IFF picture.

Robot IFF picture of toy robot.

StatueOfLiberty Evening view of the great lady's profile in an IFF picture.

Webster The dictionary page in an IFF picture.

Woman&Pencil Famous IFF image of a woman holding a pencil (seen in early Digi-View™ advertisements).

SaveILBM 'seelbm' program, to turn any screen into an IFF picture.

ShowILBM Shows ILBM images.

ShowHAM Shows HAM images.

•AMICUS Disk 8•

Browse View text files on a disk, using menus in source code and executable, a C program.

Crunch Removes comments and white space from C files, in source code and as an executable, a C program.

IconExec EXECUTE a series of commands from Workbench AC program in source code and as an executable.

PDScreen Dump C program which dumps Rastport of highest screen to printer.

SetAlternate C program which sets a second image for an icon, when clicked once. In C source code and as an executable program.

SetWindow C program makes windows for a CLI program to run under Workbench In source code and as an executable.

SmallClock A small digital clock in a window menu bar as a C program.

Scripper Perry Kivolowitz's C program screen printer from ACV1.4 in source code and executable code.

AmigaBASIC program

AddressBook A simple address book database as an AmigaBASIC Program.

Ball Draws a ball, an AmigaBASIC Program.

Cload An AmigaBASIC Program to convert Compuserve hex files to binary. Source code and documentation included.

Clue The game, Intuition driven, an AmigaBASIC Program.

ColorArt Art drawing program in AmigaBASIC.

DeluxeDraw The drawing program from AC v1.3 in AmigaBASIC.

Eliza Legendary conversational computer psychologist in AmigaBASIC.

Othello An AmigaBASIC Program of the oriental game known as 'go'.

RatMaze 3D rat maze game in AmigaBASIC.

ROR AmigaBASIC boggling graphics demo.

Shuttle AmigaBASIC program draws 3D pictures of the space shuttle.

Spelling simple spelling program in AmigaBASIC.

YoYo weird zero-gravity yo-yo demo, tracks yo-yo to the mouse, in AmigaBASIC.

Executable programs

3Dcube Modula-2 demo of a rotating cube.

AltIcon Sets a second icon image, displayed when the icon is clicked.

AmigaSpell A slow but simple spell checker. Executable program.

arc The ARC file compression program, a must-have for telecommunications. Executable program.

Bertrand A graphics demo.

disksalvage A program to rescue trashed disks. Executable program.

KwikCopy A quick but nasty disk copy program: It ignores errors. Executable program.

LibDir This program lists hunks in an object file. Executable program and documentation.

SaveILBM This program saves any screen as an IFF pic. Executable program and documentation.

ScreenDump A Shareware screen dump program.

StarTerm Version 2.0, terminal program with Xmodem.

Texts

LatticeMain Text file tips on fixing _main.c in Lattice.

GDiskDrive Text file instructions to make your own 5 1/4 drive.

GuruMed Text file explains the Guru numbers. This is an older file.

Lat3.03bugs Text file lists bugs of Lattice C version 3.03.

MForgeRev Text of a user's view of the MicroForge hard drive.

PrintSpooler EXECUTE-based print spool program.

.BMAP files

These are the necessary links between AmigaBASIC and the system libraries.

To take advantage of the Amiga's capabilities in BASIC, you need these files. BMAPs are included for :

clist.bmap

console.bmap

diskfont.bmap

exec.bmap

graphics.bmap

icon.bmap

intuition.bmap

layers.bmap

mathfff.bmap

mathieeedoubas.bmap

mathieeesingbas.bmap

mathtrans.bmap

potgo.bmap

timer.bmap

translator.bmap

•AMICUS Disk 9•

AmigaBASIC Programs

FlightSim A simple flight simulator program in AmigaBASIC.

HuePalette An AmigaBASIC program which explains Hue, Saturation, & Intensity.

Requester A requester subroutine for use in your AmigaBASIC programs.

ScrollDemo Demonstrates the text scrolling capabilities of AmigaBASIC.

Synthesizer A sound program in AmigaBASIC.

WorldMap An AmigaBASIC program which draws a map of the world.

Executable programs:

Boing! Boing! demo, with selectable speed. Executable program.

Brush2C Brush2C converts an IFF brush to C data instructions, initialization code. Executable program.

Brush2Icon Brush2Icon converts an IFF brush to an icon. Executable program.

Dazzle A Graphics demonstration which produces patterns based on mouse movements. Executable program.

DeciGEL An assembler program for stopping 68010 errors. In C source code and executable program. Documentation provided.

Klock A menu-bar clock and date display. Executable program.

Life The game of Life. Executable program.

TimeSet An Intuition-based way to set the time & date.

MEMacs Another Emacs, more oriented to word processing. In C source code and executable program, and documentation provided.

MyCLI A CLI shell, works without the Workbench. In C source code and executable. Documentation provided.

Texts:

FnctnKeys Text file explains how to read function keys from AmigaBASIC.

Hacker5in Text file explains how to win the game 'hacker'.

Is68010 Text guide to installing a 68010 in your Amiga.

PrinterTip A text file instruction for sending escape sequences to your printer.

StartupTip Text file tips on setting up your startup-sequence file.

XfrmReview Text file list of Transformer programs that work.

Printer Drivers

Canon PJ-1080A Printer driver for the Canon PJ-1080A.

C Itoh Prowriter Printer driver for the C Itoh Prowriter.

Epson An improved Epson driver that eliminates streaking.

Epson LQ-800 Printer driver for the Epson LQ-800.

Gemini Star-10 Printer driver for the Gemini Star-10.

NEC 8025A Printer driver for the NEC 8025A.

Okidata ML-92 Printer driver for the Okidata ML-92.

Panasonic KX-P10xx Printer driver for the anasonic KX-P10xx family of printers.

Smith-Corona D300 Printer driver for the Smith-Corona D300.

Install Drivers A document describing the installation process for printer drivers.

Graphic Arts
Desktop Video
Word Processing
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Last Minute Additions

•AMICUS Disk 10•

Instrument sound demos

AMICUS Disk 10 is an icon-driven Instrument sound demonstration, circulated to many dealers. It includes the sounds of an acoustic guitar, an alarm, a banjo, a bass guitar, a boink, a calliope, a car horn, claves, water drip, electric guitar, a flute, a harp arpeggio, a kickdrum, a marimba, a organ minor chord, people talking, pigs, a pipe organ, a Rhodes piano, a saxophone, a sitar, a snare drum, a steel drum, bells, a vibraphone, a violin, a wailing guitar, a horse whinny, and a whistle.

•AMICUS Disk 11•

C programs

dirutil Intuition-based, CLI replacement manager executable as well as source code in C.
cpri cpri shows and adjusts priority of CLI processes in C source code and executable.
ps ps shows info on CLI processes, in C source code and as an executable.
Vidtex Vidtex displays Compuserve RLE pics in source code and as an executable.

AmigaBASIC programs

pointerEd A pointer and sprite editor program in AmigaBASIC.
optimize An optimization example from an AC article, in AmigaBASIC.
calendar A large, animated calendar, diary and date book program in AmigaBASIC.

amortize Loan amortizations program in AmigaBASIC.

brushToBOB Converts small IFF brushes to AmigaBASIC BOB OBJECTS, an AmigaBASIC program.

grids An AmigaBASIC program which will draw and play waveforms.

hilbert An AmigaBASIC that draws Hilbert curves.

madlib A mad lib story generator in AmigaBASIC.

mailtalk A talking mailing list program in AmigaBASIC.

meadows3D A 3D graphics program, from an AC™ article, in AmigaBASIC.

mouseTrack A mouse tracking example in hires mode in AmigaBASIC.

slot A slot machine game written in AmigaBASIC.

tictacToe The classic game written in AmigaBASIC.

switch A pachinko-like game written in AmigaBASIC.

weird A program written in AmigaBASIC that makes strange sounds.

Executable programs

cp A UNIX-like copy command. Executable program.

cls A screen clear program. Executable program and source code.

Diff A UNIX-like stream editor which uses 'diff' output to fix files.

pm A chart recorder performances indicator.

Assembler programs

cls A screen clear and CLI arguments example in Assembly.

Modula-2 trails a moving-worm graphics demo in Modula-2.

caseconvert Modula-2 program which converts Modula-2 keywords to uppercase.

SimpleReq An example of a custom requester from Modula-2.

Breshehan A Forth program which produces a Breshehan circle algorithm example.

Analyze Templates 12 templates for the spreadsheet Analyze.

ConvertDoodle Converts Commodore 64 Doodle files into Amiga format.

ConvertKoala Converts Commodore 64 Koala files into Amiga format.

ConvertPrintShop Converts Commodore 64 PrintShop files into Amiga format.

•AMICUS Disk 12•

Executable programs

blink 'alink' compatible linker, but faster. Executable program and documentation.

clean Executable program, spins the disk for disk cleaners. Documentation included.

epsonset Executable program that sends Epson settings to PAR from menu. Documentation included.

showbig Executable program which will view hi-res pics in low-res superbitmap. Documentation included.

speaktime Speaking program which will tell the time. Executable program and documentation.

undelete Executable program undeletes a file. Documentation included.

cnvapldhm Executable program that converts Apple][low, medium and high res pictures to IFF. Documentation included.

menuEd A menu editor that produces C code for menus. Executable program and documentation.

quick A quick disk-to-disk nibble copier. Executable program and documentation.

quickEA Program copies Electronic Arts disks, removes protection. Executable program and documentation.

txed 1.3 A demo of text editor from Microsmiths. Executable program and documentation.

C programs

spin3 C program of rotating blocks as a graphics demo. In C source code and executable. Documentation included.

popcli A C program that allows you to start a new CLI at the press of a button, like Sidekick. In C source code and executable. Documentation included.

vsprite VSprite example C code from Commodore, S-E-D.

AmigaBBS AmigaBASIC bulletin board C program.

Assembler programs

star10 Assembler program, makes star fields like Star Trek intro. In C source code and executable. Documentation included.

Mount Mandelbrot A 3D view of a Mandelbrot set.

Star Destroyer A hi-res picture of the Empire's Star Wars starship.

Robot A picture of a robot arm grabbing a cylinder.

vendors Older text file of Amiga vendors, names, addresses.

cardco Text file of fixes to early Cardco memory boards.

include Text file cross-reference to C include files.

mindwalker Text clues to playing the game well.

slideshow Instructional text to produce your own slideshows from the Kaleidoscope disk.

•AMICUS Disk 13•

AmigaBASIC programs

Routines from Carolyn Scheppner of CBM Tech Support, to read and display IFF pictures from AmigaBASIC. With documentation. Also included is a program to do screen prints in AmigaBASIC, and the newest BMAP files, with a corrected ConvertFD program. With example pictures, and the SaveILBM screen capture program.

Routines to load and play FutureSound and IFF sound files from AmigaBASIC, by John Foust for Applied Visions. With documentation and C and assembler source for writing your own libraries, and interfacing C to assembler in libraries. With example sound.

Executable programs

gravity Sci Amer Jan 86 gravitation graphic simulation. In C source code and executable. Documentation included.

MIDI Make your own MIDI instrument interface with documentation and a hi-res schematic picture.

•AMICUS Disk 14•

Several programs from Amazing Computing issues:

Dan Kary's C structure index program. In C source code and executable. Documentation included.

AmigaBASIC programs

BMAP Reader by Tim Jones.

IFFBrush2BOB by Mike Swinger.

AutoRequester example.

DOSHelper Windowed help system for CLI commands. In C source code and executable. Documentation included.

PETrans translates PET ASCII files to ASCII files. In C source code and executable. Documentation included.

C Squared Graphics program from Scientific American, Sept 86. In C source code and executable. Documentation included.

crlf adds or removes carriage returns from files. In C source code and executable. Documentation included.

dpdecode decrypts Deluxe Paint, demo.

ves copy protection. Executable program and documentation.

queryWB asks Yes or No from the user returns exit code. Source code and executable program.

vc VisiCalc type spreadsheet, no mouse control. Executable program and documentation.

view views text files with window and slider gadget. Executable program and documentation.

Oing, Sproing, yaBoing, Zoing are sprite-based Boing! style demos. dln C source code and executable. Documentation included.

CLIClock sClock, wClock are window border clocks. Source code, executable program, and documentation.

Texts An article on long-persistence phosphor monitors, tips on making brushes of odd shapes in Deluxe Paint, and recommendations on icon interfaces from Commodore-Amiga.

•AMICUS Disk 15•

C programs

pr A file printing utility, which can print files in the background, and with line numbers and control character filtering.

fm displays a chart of the blocks allocated on a disk.

Ask questions an 'execute' file, returns an error code to control.

Executable programs

Stat An enhanced version of AmigaDOS 'status' command.

Dissolve Random-dot dissolve demo displays IFF picture slowly, dot by dot, in a random fashion.

PopCLI2 Invoke new CLI window at the press of a key.

Form File formatting program through the printer driver to select print styles.

DiskCat catalogs disks, maintains, sorts, merges lists of disk files.

PSound SunRize Industries' sampled sound editor & recorder.

Iconmaker makes icons for most programs.

Fractals draws great fractal seascapes and mountainscapes.

3D Breakout 3D glasses, create breakout in a new dimension.

AmigaMonitor displays lists of open files, memory use, tasks, devices and ports in use.

Cosmorooids A version of 'asteroids' for the Amiga.

Sizzlers High resolution graphics demo written in Modula 2.

Texts

ansi.txt explains escape sequences the CON: device responds to.

FKey includes template for making paper to sit in the tray at the top of the Amiga keyboard.

Spawn Programmer's document from Commodore Amiga, describes ways to use the Amiga's multitasking capabilities in your own programs.

AmigaBASIC programs

Grids Draw sound waveforms, and hear them played.

Light A version of the Tron light-cycle video game.

MigaSol A game of solitaire.

Stats Program to calculate batting averages.

Money "Try to grab all the bags of money that you can."

AMICUS 15 also includes two beautiful IFF pictures, of the enemy walkers from the ice planet in Star Wars, and a picture of a cheetah.

•AMICUS Disk 16•

juggler "juggler" is a demo by Eric Graham. A robot juggler bouncing three mirrored balls, with sound effects.

Twenty-four frames of HAM animation are flipped quickly to produce this image. You control the speed of the juggling. The author's documentation hints that this program might someday be available as a product.

IFF pictures parodies of the covers of Amiga World and Amazing Computing magazines.

C programs

InputHandler Example of making an input handler.

FileZap3 Binary file editing program.

ShowPrint displays IFF picture, and prints it.

Gen Program indexes and retrieves C structures and variables declared in the Amiga include file system.

Executable Programs

FixHunk2 repairs an executable program file for expanded memory.

ms2mus converts Music Studio files to IFF standard 'SMUS' format. I heard this program might have a few bugs, especially in regards to very long songs, but it works in most cases.

Missile Amiga version of the 'Missile Command' video game.

AMICUS Disk 16 contains several files of scenarios for Amiga Flight Simulator II.

By putting one of these seven files on a blank disk, and inserting it in the drive after performing a special command. In this game, a number of interesting locations are preset into the Flight Simulator program. For example, one scenario places your plane on Alcatraz, while another puts you in Central Park.

•AMICUS Disk 17•

Telecommunications disk which contains six terminal programs.

Comm V1.33 Term prog. with Xmodem, Wxmodem.

ATerm V7.2 Term prog. includes Super Kermit.

VT-100 V2.6 Dave Wecker's VT-100 emulator with Xmodem, Kermit, and scripting.

Amiga Kermit V4D(060) port of the UNIX C-Kermit.

VTek V2.3.1 Tektronix graphics terminal emulator based on the VT-100 prog. V2.3 and contains latest 'arc' file compression.

AmigaHost V0.9 for Compuserve. Includes RLE graphics abilities & CIS-B file transfer protocol.

FixHunk Expansion memory necessity.

FixObj removes garbage characters from modcom received files.

Txt filters text files from other systems to be read by the Amiga E.C.

addmem Executable version for use with mem expansion article in AC v2.1.

arc File documentation and a BASIC tutorial on un 'arc'ing files.

arcre for making "arc" files E.C.

•AMICUS Disk 18•

Logo Amiga version of the popular computer language, with example programs. Executable program and documentation.

TV*Text Demo version of the TV*Text character generator.

PageSetter Freely distributable versions of the updated PagePrint and PageIFF programs for the PageSetter desktop publishing package.

FullWindow Resizes any CLI window using only CLI commands. Executable program and documentation.

Life3d 3D version of Conway's LIFE program. Executable program and documentation.

Defdisk CLI utility to re-assign a new Workbench disk. In C source code and executable. Documentation included.

Calendar.WKS Lotus-compatible worksheet that makes calendars.

SetKey Demo of keyboard key re-programmer, with IFF picture to make function key labels.

VPG Video pattern generator for aligning monitors. Executable program and documentation.

HP-10C Hewlett-Packard-like calculator. Executable program and documentation.

SetPrefs Change the Preferences settings on the fly, in C source code, executable program and documentation.

StarProbe Program studies stellar evolution. C source included for Amiga and MS-DOS. In C source code, executable, and documentation.

ROT C version of Colin French's AmigaBASIC ROT program from Amazing Computing. ROT edits and displays polygons to create three dimensional objects. Up to 24 frames of animation can be created and displayed.

E-D

Scat Like Ing. windows on screen run away from the mouse. Executable program and documentation.

DK Decays the CLI window into dust, in Modula 2. In C source code, executable program and documentation.

DropShadow2 Adds layered shadows to Workbench windows. Executable program and documentation.

•AMICUS Disk 19•

AMICUS Disk 19 contains several programs from Amazing Computing. The IFF pictures on this disk include the Amiga Wake party T-shirt logo, a sixteen-color hi-res image of Andy Griffith, and five Amiga Live! pictures from the Amazing Stories episode which featured the Amiga.

Solve Linear equation solver in assembly language. Source code, executable program and documentation.

Gadgets Bryan Catley's AmigaBASIC tutorial. Source code and documentation.

Household Bryan Catley's AmigaBASIC household inventory program. In C source code and documentation.

Waveform Jim Shields' Waveform Workshop in AmigaBASIC. In C source code and documentation.

DiskLib John Kennan's AmigaBASIC disk librarian program. In C source code and documentation.

Subscripts Ivan Smith's AmigaBASIC subscript example. In C source code and documentation.

String, Boolean C programs and executables for Harriet Maybeck Tolly's Intuition tutorials. In C source code, executable program, and documentation.

Skinny C Bob Riemersma's example for making small C programs. Source code, executable program, and documentation.

COMAL.h Make C look like COMAL header file. In C source code, and documentation.

EmacsKey Makes Emacs function key definitions by Greg Douglas. In C source code, and documentation.

AMon 1.1 Snoop on system resource use. Executable program and documentation.

BTE Bard's Tale character editor. Executable program and documentation.

Size CLI program shows the size of a given set of files. Executable program and documentation.

WinSize CLI window utility resizes current window. In C source code, executable program, and documentation.

•AMICUS Disk 20•

Compactor, Decoder Steve Michel AmigaBASIC tools. In C source code and documentation.

BobEd BOB and sprite editor written in C. In C source code, executable program and documentation.

SpriteMasterII Sprite editor and animator by Brad Kiefer. Executable program and documentation.

BlitLab Blitter chip exploration C program by Tomas Rokicki. In C source code, executable program and documentation.

FFic Image processing program by Bob Bush loads and saves IFF images, changes them with several techniques. Executable program and documentation.

Bankn Complete home banking program, balance your checkbook!. Executable program and documentation.

•AMICUS Disk 21•

Target Makes each mouse click sound like a gunshot. In C source code, executable program and documentation.

Sand Simple game of sand that follows the mouse pointer. Executable program and documentation.

PropGadget Harriet Maybeck Tolly's proportional gadget example. Source code and executable.

EHB Checks to see if you have extra-half-bright graphics. In C source code, executable program and documentation.

Piano Simple piano sound program.

CelScripts Makes cel animation scripts for Aegis Animator, in AmigaBASIC.

AMICUS Disk 21 also contains electronic catalogs for AMICUS disks 1 to 20 and Fish disks 1 to 80. They are viewed with the DiskCat program, included here.

•AMICUS Disk 22•

Cycles Light cycle game. Executable program and documentation.

Show_PrintII Views and prints IFF pictures, including larger than screen.

PrDrvGen2.3 Latest version of a printer driver generator.

Animations VideoScape animations of planes and boing ball.

Garden makes fractal gardenscapes.

BASICSorts Examples of binary search and insertion sort in AmigaBASIC.

•AMICUS Disk 23•

An AMICUS disk completely dedicated to music on the Amiga. This disk contains two music players, songs, instruments, and players to bring the thrill of playing "Big Sound" on your Amiga.

Instruments A collection of 25 instruments for playing and creating music. The collection ranges from Cannon to Marimba.

List INSTR Program to list the instruments DMCS will not load as well as list the origins for any instrument.

Music A collection of 14 Classical pieces.

1812Overture The 16 minute classical feature complete with Cannon!

Three Amiga Music Players:

- SMUSPlay
- MusicCraft2SMUS
- MusicStudio2SMUS

•AMICUS Disk 24•

Sectorama A disk sector editor for any AmigaDOS file-structured device, recover files from a trashed hard disk. By David Joiner of MicroIllusions.

Iconize Reduces the size of IFF images, companion program, Recolor, renames the palette colors of one picture to use the palette colors of another. Using these programs and a tool to convert IFF brushes to Workbench icons, make icons look like miniatures of the pictures.

CodeDemo Modula-2 program converts assembler object files to inline CODE statements. Comes with a screen scrolling example

AmiBug Workbench hack makes the same fly walk across the screen at random intervals. Otherwise, completely harmless.

BNTTools Three examples of assembly language code from Bryce Nesbitt:

1. **SetLace**, prog to switch interlace on&off.
2. **Why**, replace AmigaDOS CLI Why
3. **Loadit**, prog to load a file into memory until a reboot. (Only the most esoteric hackers will find Loadit useful.)

Monolace CLI program resets Preferences to several colors of monochrome & interlace screens. C source is included, works with DisplayPref, a CLI program which displays the current Preferences settings.

BoingMachine A ray-traced animation of a perpetual motion Boing-making machine, includes the latest version of the Movie program, which has the ability to play sounds along with the animation. By Ken Offer.

Daisy Example of using the translator and narrator devices to make the Amiga talk. It is written in C.

QuickFlix Script-driven animation and slideshow program flips through IFF images.

BMon System monitor AmigaBASIC program; perform simple manipulations of memory.

Moose Random background program, a small window opens with a moose resembling Bullwinkle saying witty phrases user definable.

DGCS Deluxe Grocery Construction Set, simple Intuition-based prog for assembling and printing a grocery list.

The Virus Check directory holds several programs relating to the software virus that came to the US from pirates in Europe as detailed in Amazing Computing V2.12. Bill Koester's full explanation of the virus code is included. One program checks for the software virus on a Workbench disk; the second program checks for the virus in memory, which could infect other disks.

•AMICUS Disk 25•

Nemesis Graphics demo pans through space towards the mythical dark twin of the sun with wonderful music and space graphics.

The KickPlay directory holds text that describes several patches to the Kickstart disk. For Amiga 1000 hackers who feel comfortable patching a disk in hexadecimal, KickPlay offers the chance to automatically do an ADDMEM for old expansion memory, as well as the ability to change the picture of the "Insert Workbench" hand. A program is also included for restoring the correct checksum of the Kickstart disk.

KeyBird BASIC prog edits keymaps, adjust the Workbench keymaps or create your own.

8ColorWB Modifies the Workbench so three bitplanes are used, icons can have eight colors, instead of four, eight-color icons are included. Public domain program "zapicon" or "brush2icon" converts eight-color IFF brushes to icons, to use Deluxe Paint to make icons for this new Workbench.

BrushIcon Converts brushes to icons (bizarrr docs).

Egraph Graphing prog reads [x,y] values from a file and displays them on the screen, similar to the same-named UNIX program.

Keep 1.1 Message-managing program for telecommunications, lets you save messages from an online transcript to another file, understands the message format of the national networks and several types of bulletin board software. Moves through the transcript and save messages.

Killfastdir Speed up directory access, it creates a small file in each directory on a disk which contains the information about the files, will also remove all the "fastdir" files from each directory. By CLImate's authors.

The LaceWB program changes between interlace and non-interlace Workbench. Previously, you were forced to reboot after changing Preferences to an interlaced screen. This program flips between the normal and extended screen heights.

PW_Utility A shareware utility for ProWrite users, changes margin settings and font types.

Guru A CLI program, prints out probable causes for Guru mediations; C source included.

DiskWipe Latest from Software Distillery, removes files from directories or disk drives, much faster than "delete."

Snow AmigaBASIC makes snowflake designs.

Mlist Mailing list database.

Softballstats Maintain softball statistics/ team records.

Dodge Short Modula-2 program moves the Workbench screen around after a period of time, prevents monitor burn-in.

•AMICUS Disk 26•

Todor Fay's SoundScape module code from his Amazing Computing articles. The source to Echo, Chord, TX, and VU is included. The Lattice and Marx C source code is here, along with the executable modules.

Claz2 Update of prog to convert IFF images to PostScript files for printing on laser printers.

SDBackup Hard disk backup prog with Lempel-Ziv compression to reduce the necessary number of disks.

TCB Prints information about tasks and processes in the system; assembler source is included.

FunBut Lets a function key act like a rapid series of left mouse button events.

DC A handy program for people who use an Amiga 1020 5 1/4 inch drive as an AmigaDOS floppy. A Workbench program that sends a DiskChange signal to the operating system: Instead of typing "diskchange df2:" over and over again, just click on the icon. C source included.

System config File makes screen 80 columns wide of text in the Scribble! word processor.

Dick2RAM 2 programs to move the Scribble! spelling dictionary to and from the RAM disk.

Lexical Analyzes a text file and gives the Gunning-Fog, Flesch, and Kincaid indices which measure readability.

HexDump Modula-2 program to display memory locations in hexadecimal.

Tartan AmigaBASIC; design Tartan plaids.

DirMaster Disk catalog program.

BMP plays 8SVX sampled sounds in the background while something else is happening in the Amiga.

ShowPt CLI program changes your pointer to a given pointer.

Mouse Pointers etc. AMICUS 26 also contains a collection of mouse pointers, & Workbench program to display them.

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Desktop Publishing
Music
Education
Business & Home Productivity
Programming
Utilities
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Miscellaneous Software
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		speakspeak	ABdemos	Clock	Vt100	Fred Fish 59
		speecheasy	Disassem	Csh	Fred Fish 48	Browser
		spell	DvorakKeymap	DietAid	Bru	Browser2
		sphere	Hypocycloids	Echo	Comm	Clock
		spiral	LinesDemo	FixHunk	Csh2.04	Dme
		striper	SafeMalloc	Fm	Csh2.04M	DropCloth
		superpad	ScienceDemos	KickBench	Diskperf	DropShadow
		suprsur	Fred Fish 28	Lex	Du	FixWB
		talk	Backgammon	TunnelVision	MemWatch	mCAD
		terminal	Cop	Vc	Profler	Robotroff
		termtest	Cribbage	Vt100	Fred Fish 49	Supermort
		tom	MileStone	YaBoing	Cycloids	Fred Fish 60
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Med	PowerWindows	Adventure	Iff2Fs	UUpc	Mach
PriDrvGen	Rot	AmicTerm	ModulaTools	Fred Fish 110	PatEdit
Show	TimeSet	D2D-Demo	Terrain 3D	A68k	QMan
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Terrain	ImLate	Fred Fish 84	Fred Fish 96	PopLife	Berserk
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Hack	BambooTiger	Ed	HackBench	Bully	Crc
Fred Fish 63	Garfield	GravityWars	Label	DropShadow	CrcLists
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MenuBuilder	Expose	ImageTools	MouseReader	Fred Fish 114	TeXF
MWB	Lit	LowMem	Shm	CDecl	Fred Fish 136
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PascalToC	MouseOff	RawIO	Fred Fish 98	WBLander	Bison
Prep	ParOut	Rocket	Access	Fred Fish 115	Iff2Pcs
RunBack	PenPalFont	VMORE	Backup	Killer	Paste
SunMouse	RunBackGround	Vnews	DCDemo	Marketroid	YaBoingII
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RayTracer	Random	DropShadow	MIDI	Fred Fish 120	Foreach
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TagBBS	XCOPY	Install Two	Fred Fish 102	Bankn	Vt100
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AmiBas	CheckIFF	SmallLib	MonIDCMP	Fred Fish 129	Less
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Flex	DMouse	SetFont	Fred Fish 206	Fred Fish 228	JPClock
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ECPM	FINDIT V1.00	MouseUtil	Fred Fish 208	LeftyMouse	Picture Editor
KeyFiler	LIBS V1.00	Print	AsteroidField	Shuffle	NoClick
ScreenZap	SCAT V1.00	VacBench	Fred Fish 209	Sim	Password
SetPrefs	ADDCR V1.00	World	Bowl	Fred Fish 230	Pcopy
Xicon	REMCR V1.00	Fred Fish 185	Dps	AskTask	SimGen
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DiskX	Fred Fish 170	A68k	Calc	FileIt	WarpUtil
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PCBTTool	FastText	SimCPM	Fred Fish 211	Quattro	BootIntro
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TaskX	PtrAnim	Diskperf	Diff	File	SizeChecker
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Check	MFix	MemoryClock	CrcLists	LabelPrint	
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Hed	AmicForm	Charon			
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Fred Fish 253 DumpDiff Elements KeyMac MegaWB MuchMore MultiSelect PowerPacker WBShadow With	Fred Fish 276 Blit ClickDOS DateRequester	Fred Fish 295 GnuGrep Lhwarp MandelMountains	Fred Fish 312 ChinaChallenge LHArc Moonbase TrackSalve	NTSC-PAL PatchLoadSeg VirusUtils	Fred Fish 355 Berserker ImageEditor LoadImage RexxHostLib SoundEditor TrackSalve
Fred Fish 254 Etale MachII PatternLib SlotCars Uedit	Fred Fish 277 ARTMARTM Icon LabelPrint LPE WBAssign WBRes	Fred Fish 296 Comal Patch Fred Fish 297 Clean DevKit Elements Hypno Jed SuperMenu Writelcon	Fred Fish 313 UUCP Fred Fish 314 A68k Zc Fred Fish 315 AmigaFox Drawmap Surf	Fred Fish 332 AniPtrs DevPatch Helper K1_Editor Kryptor RevBut Fred Fish 333 MultiPlot Fred Fish 334 FBM PPMore PFSHOW WhatIs	Fred Fish 356 AlgoRhythms NComm Fred Fish 357 EmPTire Fred Fish 358 Blob OPTSSc PTIPTeline ReDate RoadRoute ScanIFF ViewDir
Fred Fish 255 CyclicSpace Makelcon MED RolandD110 RolandS220 SunMaze	Fred Fish 278 AmigaTrek ASpice Frag Fred Fish 279 Ash MouseClock MRBackUp MRPrint	Fred Fish 298 BBChampion Iff2C IntuiSup Life SmartIcon Vectors	Fred Fish 316 Formulae Iff2C IntuiSup Life SmartIcon Fred Fish 317 StillStore Uniq Fred Fish 318 CNewsBin Lhwarp PKAZip WaveMaker Xoper	Fred Fish 335 BoingDemo DTC SeeHear Fred Fish 336 Car FileWindow MiniBlast Sys Fred Fish 337 CManual Fred Fish 338 Cpp SASTools SID Fred Fish 339 PCQ Fred Fish 340 NorthC Plplot SpeakerSim	Fred Fish 359 ABridge DICE TextPTlus Fred Fish 360 UUCPT Fred Fish 361 Brush_4D FileMaster TextPTaint Turn XColor-Lib
Fred Fish 256 BlitDemons NameGame Stevie	Fred Fish 281 Graph Fred Fish 282 Diff DiffDir FarPrint LoadImage MRARFile MRMan	Fred Fish 299 Hangman Rxil SceneGenDemo Yacc Fred Fish 300 SuperEcho TACL TitleGen XenoZap	Fred Fish 319 AHDM CNewsSrc Mathtrans Fred Fish 320 AmigaTrek AmiOmega Fred Fish 321 DezHexBin IconJ Ifs Planets Turtle UnixDirs Whereis	Fred Fish 341 P2C Fred Fish 342 IE SKsh Softfont Fred Fish 343 SnakeFit SoftSpan StockBroker	Fred Fish 362 ArchEdge Fenster ImPTerium_Romanum KeyMenu MemRoutines PTUZZ Rubik sMOVIE
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Fred Fish 258 Backup DMouse STReplay Suplib	Fred Fish 285 Bref CWDemo FullReset MarbleSlide SensoPro WatchMan	Fred Fish 303 CPM DEM Demon FixIcons IceFrac Rocket ScreenZap SnowFall	Fred Fish 325 Batchman DClock DoRevision FAM FarPrint KeyMacro LifeCycles MemGuard RexxHostLib	Fred Fish 346 Az CassEti FME GoWB PacketSupport PatchNTSC TextPaint Timetest WBD	Fred Fish 364 AniPTrs2 DPT Iconaholism MemLook SNAG_PTinters
Fred Fish 259 EFJ Fred Fish 260 Accordion Calculation CCLib SeaHaven	Fred Fish 286 CCutls EW FastDisk S220to8SVX Tx2Exe Uedit	Fred Fish 304 Circles DocSplit Gears IRA Lines Mean18 Multic PageCnt Skel SuperRetLab Verify	Fred Fish 326 CBDump DispMod Itb MicroTerm NeuronelNets PopScreen Snap VSnop	Fred Fish 347 Cursor Fred Fish 348 ColorReq DisEditor DisSecretary FileIO ILBMLib InstallLibs SAMP	Fred Fish 365 Badger DmeAsm EasyBackuPT EasyMouse TrackDos PTassword Udate View80
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"The KCS Power PC Board", If you have an Amiga 500, and need IBM PC/XT software compatibility, the KCS Power PC Board can help, by Ernest P. Viveiros, Jr.

❧ Vol. 5 No. 12, December 1990

Highlights include:

"Information X-Change", Keeping up to date on the latest news via hardware, software, and cable TV, by Rick Broida
"Feeding The Memory Monster", the ICD AdRAM 540 and AdRAM 560D, review by Ernest P. Viveiros, Jr.
"Making A Name For Yourself", Creating logos on the Amiga, by Frank McMahon

❧ Vol. 6 No. 1, January 1991

Highlights include:

"Electronic Color Splitter", an inexpensive way to grab images off video sources, by Greg Epley
"The Animation Studio", Disney's classic approach in a character animation program, by Frank McMahon
"Forensic Animation", the Amiga helps out in the courtroom, by Andrew Lichtman

❧ Vol. 6 No. 2, February 1991

Highlights include:

"Xetec's CDx-650", CD-ROM technology for the Amiga, by Lonnie Watson
"More Ports For Your Amiga", Building an I/O Expansion Board, by Jeff Lavin
"Medley", A look at different types of music software available, by Phil Saunders

❧ Vol. 6 No. 3, March 1991

Highlights include:

"NewTek's Video Toaster: A New Era In Amiga Video", a complete tour of the Video Toaster, by Frank McMahon
"Ultrasonic Ranging System", the sonar system project continues with the assembly of an ultrasonic ranging system, by John Iovine
"Writing Faster Assembly Language", the discussion on how to speed up programs with assembly is completed, by Martin F. Combs

❧ Vol. 6 No. 4, April 1991

Highlights include:

"DCTV", manipulate millions of colors in real time, by Frank McMahon
"Lauren in Disguise", workaround to DeluxPaint III's lack of HAM support, by Merrill Callaway
"Medley", Learn how to save your setup information with your sequences so the computer will automatically configure your synthesizer, by Phil Saunders
Plus, a special feature on Graphic Word Processors

❧ Vol. 6 No. 5, May 1991

Highlights include:

"The Big Three in DTP", A desktop publishing overview by Richard Mataka
"The Amiga Desktop Publisher's Guide to Service Bureaus," Tips and guidelines for Amiga users who require professional quality output by John Steiner
"M.A.S.T.'s Parallel Port SCSI Adapter," An inexpensive way to attach a hard disk to your A500 by Dan Michaelson
"All in One," a smorgasbord of programs for the beginner by Kim Schaffer

User's Groups

▼ ALABAMA ▼

Birmingham Commodore Comp Club
Meeting Place: UA (room 153)
 901 14th Street, South Birmingham
When: 2nd & 4th Sun. 2PM
Interests: Amiga/ Commodore
 Contact: Rusty Hargett
 205-854-5172 (after 6PM)

Commodore Amiga Society of Montgomery
CASM
Meeting Place: First Alabama Bank
When: 3rd Sat, 9 AM-
Interests: Amiga
 Contact: Steve Winkler
 (205) 281-7392

Coosa Valley Commodore Club
Meeting Place: Garden State
 Community College Technical Division
 Jarvis Hall, Gadsden
When: 1st Thur. 7 PM
Interests: Amiga/ Commodore
 Contact: Tommy Robertson
 205-549-0908

Hacks
Meeting Place: St. Stephens Episcopal
 Church Huntsville
1st Mon. 7 PM
When: 1st Mon. 7pm
Interests: Amiga/Commodore
 Contact: Raymond Patterson
 (205)883-8398

Scottsboro Commodore UG
Meeting Place: Page School-
 Lunchroom
 305 S. Scott St., Scottsboro
When: 2nd Tue.
Interests: Amiga/ Commodore
 Contact: Richard Radon
 205-574-1830

▼ ALASKA ▼

Amiga Users Group of Alaska
AUGA
Meeting Place: ARCO Tower,
 downtown Anchorage 7th and G Sts.
When: 2nd Wed; 7PM
Interests: Amiga
 Contact: John Olson
 907-345-0383
 907-337-4136 S
Mailing address:
 P.O. Box 211511
 Anchorage, AK 99521-1511

Anchorage Commodore UG
Meeting Place: Muldoon Library
 Anchorage
When: 4th Tue. 7PM
Interests: Amiga/ Commodore
 Contact: Dick Howe
 907-561-8555

▼ ARIZONA ▼

AMAZ
Meeting Place: Glendale Library Aud
 Glendale
When: 3rd Thur. 7-9 PM
Interests: Amiga
 Contact: Joe Rosenberg
 602-848-6200
Mailing address:
 P.O. Box 82371
 Phoenix, AZ 85071

Arizona Amiga User Group
AAUG
Meeting Place: Pyle Adult Recreation
 Center
 Tempe
When: 2nd Fri. 7PM
Interests: Amiga
 Contact: Myron Lieberman or Stan
 Skirvin
 602-967-4054 or 602-948-2515
Mailing address:
 P.O. Box 907
 Tempe, AZ 85281

Metro Amiga Computer Resource
MACRO
Meeting Place: Metro Tech Vocational
 Institute
 1900 W. Thomas Rd. Lecture Hall
 Rm.1101 Phoenix
When: 1st Thur. 6:30 PM
Interests: Amiga
 Contact: Joe Benedetto
 602-429-2523
 602-938-8050
Mailing address:
 P.O.Box 5776
 Glendale, AZ 85312

Prescott Area Commodore Club
Meeting Place: P.O. Box 4019
 Prescott
When: 1st Wed. 7 PM
Interests: Amiga/ Commodore
 Contact: Djon Vankirk
 602-778-7893

▼ ARKANSAS ▼

Ark: Amiga
Meeting Place: Metropolitan Voc. Tech.
 Center
 Little Rock
When: 2nd Mon. 7PM
Interests: Amiga
 Contact: Greg Eanes
 501-666-8934

Commodore Computer Club
Meeting Place: Westark Community
 College
 Fort Smith
When: 2nd Mon. 7PM
Interests: Amiga/ Commodore
 Contact: Steve Caperton

Hot Springs Commodore UG
Meeting Place: AP&L ldg
 324 Malvern Ave., Hot Springs
When: 3rd Tue. 7PM
Interests: Amiga / Commodore / MS-
 DOS
 Contact: Julie Cathcart
 501-624-5115

Northwest Arkansas Amiga Users
Group
Meeting Place: Jim's Razor ack Pizza
 US 412, Springfield
When: Second Sunday of every month
 at 2pm
Interests: Amiga
 Contact: Peter Laws
 (501) 443-2598

▼ CALIFORNIA ▼

64 /More Commodore UG
Meeting Place: Miltipitis Pulic Lirary
 Miltipitis
When: 2nd Sat. 10 AM
Interests: Amiga/ Commodore
 Contact: Ralph M. Ingraham

ASCI
Meeting Place: Rancho Cucamonga r Li
 9191 ase Line Rd, Rancho Cucamonga
When: 1st & 3rd Thur. 6:30 PM
Interests: Commodore
 Contact: Josh Jacoy
 714-989-6041

ASCITEC
Meeting Place: Lockhead Missiles &
 Space Co (Sunnyvale)
 Los Altos
When: 2nd Thur. 5 PM
Interests: Amiga
 Contact: Patrick Bailey
Mailing address:
 Amiga Science and Technology Users
 Group
 P.O. Box 201
 Los Altos, CA 94023-0201

AWEST
Meeting Place: Computer Showcase
 2739 Geary Blvd.
 San Francisco

When: 1st. Wed. 7 PM
Interests: Amiga
 Contact: Jamie Pandover
 (415) 584-8406

Amiga Friends
Meeting Place: Rancho Santiago College
 17th & Bristol Rm R-124, Santa Ana
When: 3rd Sun. 1-5 PM
Interests: Amiga/ MS-DOS
 Contact: Sam Noonan
 (714) 775-7237
Mailing address:
 P.O. Box 4186
 Huntington Beach, CA 92605-4186

Amiga Tech UG1 and 2
ATUG
Meeting Place: Michaelangelo's 552 W.
 Arrow Hwy. San Dimas
 Glendale Federal Savings, Monrovia
 On the corner of Myrtle and Colorado
When: ATUG1 Last Tues. 7PM
 ATUG2 Third Sat. at 1PM
Interests: Amiga
 Contact: Chris Marple
 (714) 621-9814
 (818) 966-5099 S
 184 Villanova Dr.
 Claremont, CA 91711

Amiga UG of Long Beach
Meeting Place: Mid Cities National Bank
 9025 E. Artesia (Bellflower), Bellflower
When: 1st Mon/2nd Sat/3rd Sun/ 3rd
 Mon. 7 PM/1 PM/1 PM/7 PM
Interests: Amiga
 Contact: Larry Blair
 213-422-8226
Mailing address:
 5115 Via Veranada
 Long Beach, CA 90805

C-TUG
Meeting Place: Mercury Savings
 Irvine & Newport, Tustin
When: 4th Sun. 11 AM
Interests: Amiga/ Commodore
 Contact: Don Grile
 714-830-2430

C.O.U.G.O.R.
Meeting Place: 1012 Layton Rd. # 20
 Redding
When: 1st Wed. 7 PM
Interests: Amiga/ Commodore
 Contact: Roert Wall
 916-222-8263

C.O.W.
Meeting Place: San Bruno Parks & Rec
 Bldg
 San Bruno
When: 3rd Thur. 7-10 PM
Interests: Amiga/ Commodore
 Contact: Steve Beale
 415-877-8868

Central Coast Commodore UG
Meeting Place: Lutheran Church
 Bradley Rd. & Patterson, Santa Maria
When: 3rd Tue. 7:30 PM
Interests: Amiga/ Commodore
 Contact: Gilbert Vela
 BBS /805-934-2216

Club-64
Meeting Place: Knights of Columbus
 Hall
 1729 E. Baseline, San Bernadino
When: 1st Thur. 7-9 PM
Interests: Amiga/ Commodore
 Contact: John Shinkunas
 714-862-5126

Commodore Helpers of Long Beach
Meeting Place: Mercury Savings Bldg
 4140 Long Beach Blvd, Long Beach
When: 2nd Sat. 9 AM-Noon
Interests: Commodore
 Contact: Thomas A. Hoy
 213-424-0508

Commodore UG of Riverside
Meeting Place: California School For
 Deaf
 Hwy 91 at Arlington Ave., Riverside
When: 2nd & 4th Thur 7-9pm
Interests: Commodore
 Contact: Ken Brown
 714-689-1452

DBUG
Meeting Place: Diamond Bar Library
 1065 Grand Ave, Diamond Bar
When: 2nd & 4th Wed.
Interests: Amiga / Commodore
 Contact: David ..hiel

Desert Amiga Users Group
DAUG
Meeting Place: PERC Building
 82660 Indio Blvd
When: 3rd Sunday of the month 3pm
Interests: Amiga
 Contact: Bill Pfof
 346-5506
Mailing address:
 P.O. Box 221
 Palm Springs, CA 92263

Kern Amiga Owners Society
KAOS
Meeting Place: Southwest Veterans Hall
 Rm.3
 1901 Wilson Rd Bakersfield, CA
When: First Wednesday of the month at
 7pm
 Contact: Mike Glinzak
 (805) 833-9867
 BBS (805) 399-1765
Mailing address:
 P.O. Box 40862
 Bakersfield, CA 93384

Los Angeles Amiga UG
Meeting Place: Veterans Memorial Aud
 Culver City
When: 3rd Wed. 7:30 PM
Interests: Amiga
 Contact: Kip Hammond
 213-390-3010

NCAC
Meeting Place: Rico's Pizza
 200 Hartnell Ave, Redding
When: 2nd Sat. 2 PM
Interests: Amiga
 Contact: David Murphy
 916-472-3237

Napa Valley Commodore Comp Club
Meeting Place: Rapoport's
 2225 Brown St, Napa
When: 3rd Mon. 7 PM
Interests: Amiga/ Commodore/MS-DOS
 Contact: Carl Peigh
 707-255-6375

North Valley Commodore UG
Meeting Place: Butte County Library
 East 1st, Chico
When: 1st Wed. 7-9 PM
Interests: Amiga/ Commodore
 Contact: Frank Alexander
 916-872-0896
 BBS: (916) 872-3711
 BBS: (916) 894-8333
Mailing address:
 597 Circlewood Dr
 Paradise, CA 95969

Northern California Amiga Club
Meeting Place: Rico's Pizza Parlor
 200 Hartnell Ave, Redding
When: Second Saturday of the month at
 2pm
Interests: Amiga
Mailing address:
 P.O. Box 54
 Bella Vista, CA 96008

Oceana-64 Commodore Club
Meeting Place: 1004 Plover Way
 Oceanside
When: 2nd & 4th Thur. 10 AM
Interests: Commodore
 Contact: Sam Brooks
 619-433-3599

Graphic
Arts

Desktop
Video

Word
Processing

Desktop
Publishing

Music

Education

Business & Home
Productivity

Programming

Utilities

Entertainment

Miscellaneous
Software

Drives

Memory
Expansion

Accelerators

Video
Hardware

Miscellaneous
Hardware

Accessories &
Services

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Tapes

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Last Minute
Additions

SMAUG

Meeting Place: Seaside Library
Seaside
When: 3rd Tue. 7 PM
Interests: Amiga
Contact: Richard Binsacca
408-678-2518

Sacramento Amiga Computer Club

Meeting Place: Pacific Bell Aud
2700 Watt Ave., Sacramento
When: 4th Wed. 7-10 PM
Interests: Amiga
Contact: Linda Marquess
(916) 991-0220
(916) 447-3842 S
(916) 991-8553
Mailing address:
Sacramento
P.O. Box 19784
Sacramento, CA 95819-0784

San Diego Amiga User's Group

SDAUG
Meeting Place: SDG&E Building
Auditorium 101 Ash Street
Downtown San Diego
When: 1st Wed, 7 PM
Interests: Amiga
Contact: John Donovan
(619) 463-8107
Mailing address:
San Diego Amiga User's Group
P.O. Box 80186
San Diego, CA 92138-0186

San Fernando Valley Amiga User Group

Interests: Amiga
(818) 887-2717
Mailing address:
P.O. Box 8183
Van Nuys, CA 91409

Santa Barbara Commodore UG

Meeting Place: Goleta Library
Fairview Ave, Goleta
When: 3rd Sat. 1-4 PM
Interests: Commodore
Contact: Murray Kalisher
805-562-2256

South Bay Amiga Dudes / Dudetees

Meeting Place: Security Pacific Bank
22939 Hawthorne Blvd. Torrance, CA
When: First Thursday of the month at 7pm
Interests: Amiga
Contact: Mike Lehman
213-370-6008
BBS: (213) 325-1796

South Orange Commodore Klub

Meeting Place: Union Savings
23688 El Toro Rd.
When: 3rd Sat. 9AM
Interests: Amiga/Commodore
Contact: Don Gribble
714-830-2430
Mailing address:
25401 Champlain Rd.
Laguna Hills, CA 92653

T.C.U.G.

Meeting Place: call for place, day, and time Lafayette
Interests: Amiga / IBM
Contact: Margaret Copeland
415-284-1635
Mailing address:
P.O. Box 1065
Lafayette, CA 94549

V.C.C.

Meeting Place: Doctors Medical Center
Conf Rm
Florida and Orangeburg Ave., Modesto
When: 3rd Wed. 7-9 PM
Interests: Amiga
Contact: Ruby Larson
209-529-8473

VVCLA

Meeting Place: Victor School (Board room)
6th & A Streets, Victorville
When: 1st Mon & 3rd Tue.
Interests: Commodore
Contact: Ronald Elliott
619-245-9535

▼ COLORADO ▼

The Computer Club

Meeting Place: VFW Post #4051
430 E. Pikes Peak Ave, Colorado Springs
When: 3rd Thur. 7 PM
Interests: Amiga/ Commodore
Contact: Leon Hass
719-591-6353

Wes CAUG

Meeting Place: Community Hospital
Grand Junction
When: 1st Sat. 10 AM
Interests: Amiga
Contact: Rober Payne
303-245-0054

▼ CONNECTICUT ▼

Amiga Users Group of SE Conn

Meeting Place: One Byte
Rte 32 Uncasville
When: 3rd Mon. 7 PM
Interests: Amiga
Contact: James Malloy
203-536-6642

Capital Region

Meeting Place: Vernon Police Station
Vernon
When: 64/128 2nd Mon.—Amiga 2nd
Tues. 7:30 PM - 10:30 PM
Interests: Amiga / Commodore
Contact: Cheryl Arzt
203-872-3320

F.C.A.U.G.

Meeting Place: Danury Hospital Health,
Sciences Auditorium
Danbury
When: 2nd Sat. 5:45 PM
Interests: Amiga
Contact: Kevin Brook
BBS: 203-938-9163

HAUG

Meeting Place: Aetna Institute
Hartford
When: 3rd Thur. 7 PM
Interests: Amiga
Contact: Bill Bernhart
203-633-4427

Hartford County Commodore Users

Meeting Place: East Hartford Library /
Lions Room East
Hartford
When: 4th Tue. 7 PM
Interests: Commodore
Contact: Franklin Bouchard

Millstone Users Group 64/128

Meeting Place: Millstone Training
Center
Waterford
When: No set date/time as needed.
Interests: Amiga / Commodore
Contact: Jim Bennett
203-357-8368

NLCUG

Meeting Place: Montville Vfw
Uncasville
When: 1st & 3rd Thur. 7-9 PM
Interests: Amiga / Commodore
Contact: Charlie Kappelman
203-848-1986
BBS 203-848-4044

New Haven Amiga-Team Users Group

Meeting Place: Yale School of
Medicine, Beaumont Room,
Sterling Hall, Cedar Street
When: 2nd Thursday each month; 7 pm
Interests: Amiga
Contact: Bart Santello
(203) 488-9679
Mailing address:
New Haven Amiga-Team Users Group
P.O. Box 733
Branford, CT 06406-0733

Stamford Area Commodore Society

Meeting Place: 35 Cresent St
Stamford
When: 2nd Fri. 7 PM
Interests: Amiga/ Commodore
Contact: John Bittner
203-444-4844

▼ DELAWARE ▼

Amiga Network

Meeting Place: University of Delaware
Newark
When: 1st Sun. 7-9:30 PM
Interests: Amiga
Contact: William Kelly
(302) 323-1604 S
(302) 368-2962
Mailing address:
Amiga Network
P.O. Box 5940
Newark, DE 19714-5940

▼ FLORIDA ▼

AFLOAT

Meeting Place: Citrus County Armory
Crystal River
When: 2nd Mon.
Interests: Amiga/ Commodore
Contact: Richard Briggs

Amiga Aces

ACES
Meeting Place: various locations
Interests: Amiga
Contact: Steve Greenberg
(407) 686-4564

C.R.U.G.

Meeting Place: Florida Power Corp.
Crystal River
When: 1st Mon.
Interests: Amiga /Commodore
Contact: Richard Briggs

CUGOP

Meeting Place: Pensacola City Hall (2nd
Flr., west end)
Pensacola
When: 1st Fri & 3rd Tues. 7-9 PM
Interests: Commodore
Contact: Robert Yamell
904-455-5314

Citrus Commodore Computer Club

Meeting Place: Mid-State S & L
Community Room
Beverly Hills
When: Every Fri. 7:30 PM
Interests: Commodore
Contact: Gary Finfock
904-344-4826

Clearwater Commodore Club

Meeting Place: Loeman Plaza -
Community Room
Clearwater
When: 1st & 3rd Wed. 7 PM
Interests: Amiga / Commodore
Contact: Robert Hronec
813-796-0510

Commodore Club of Jacksonville

Meeting Place: Regency Library
Mandarin Library
Orange Park Library Hayden Burns
Library
When: 1st Sat. 10 AM-1PM 3rd Sat. 1-
4:30 PM
4th Sat. 1-4:30PM 2nd Tues. 7-9PM
Interests: Amiga /Commodore
Contact: John J Donnangelo
904-641-9014

Fort Walton Beach Commodore UG

Meeting Place: Choctawhatchee High
School
Racetrack Rd. Ft. Walton Beach
When: 1st Tue/Thur 16 days thereafter.
7 PM
Interests: Amiga / Commodore
Contact: Joe Majors
904-863-2845

Lake Sumter Commodore UG

Meeting Place: Lee Adult Center Annex
Leesburg
When: 2nd Wed / 4th Tues. 7:30 PM
Interests: Commodore
Contact: George Kramer

MICE

Meeting Place: Florida International
University Trailer M-114
Miami
When: 2nd & 3rd Fri. 7PM
Interests: Commodore
Contact: Ben Demy Jr.
305-221-7115

Miami Amigos

MAUG
Meeting Place: Dade Co. Computer
Training Center
13135 S.W. 26th St., Miami
When: Third Sat. of every month 10AM-
1pm
Interests: Amiga
Contact: Paul Metheney
(305)591-7736
BBS: (305) 554-9332
Mailing address:
4590 N.W. 79th Ave 1C
Miami, FL 33166

Tampa Bay Amiga

TA
Meeting Place: Jefferson High School
When: 1st & 3rd Wed. of each month
7PM
Interests: Amiga
Contact: Jeff White
(813) 977-6511

The Suncoast Amiga Club

TSUNAMI
Meeting Place: Largo Community
Center Pinellas County
Corner of 6th Street and 1st
AveSouthwest
When: 2nd Tues & 4th Tues
Interests: Amiga
Contact: Jeff Hoag
813-576-5242
Mailing address:
P.O. Box 1311
Largo, FL 34649-1311

Titusville Commodore Club

Meeting Place: Brevard Community
College
Titusville
When: 2nd & 4th Wed. 7 PM
Interests: Amiga/ Commodore
Contact: Robert Murray

▼ GEORGIA ▼

ACAC

Meeting Place: Deerfield Windsor
School Lower Campus
1733 Beattie Rd., Albany
When: 2nd & 4th Tues. 7:30 PM
Interests: Amiga/ Commodore
Contact: Carlos Villavicencio III
911-439-1322

▼ IDAHO ▼

AUSI

Meeting Place: Kopper Kitchen
Conference Center
Boise
When: 3rd Thur. 7:30 PM
Interests: Amiga
Contact: Edwin Apel
208-376-1500

Banana Belt Commodore UG

Meeting Place: Lewis-Clark State
College M.L.H. 13D
Lewiston
When: 2nd Fri. 7:30 PM
Interests: Commodore
Contact: Harold Riggie
208-758-3209

Treasure Valley /Boise UG

Meeting Place: Plantation Round Tale
Pizza
Boise
When: 1st thur Library (3rd Wed.) 7pm
(7:30 pm)
Interests: Commodore
Contact: Douglas Parsons
208-375-4672

▼ ILLINOIS ▼

A.C.E.

Meeting Place: Percy Hopkins
Auditorium Christ Hospital
Oaklawn
When: 1st Thur. 7:30 PM
Interests: Amiga / Commodore
Contact: John Zale
708-687-7788

Amiga CAD Sig

Meeting Place: 17515 East Johnson
Union, IL
When: Last Tuesday of the Month 7 pm
Interests: CAD on the Amiga

Contact: Don Strauss
(815) 923-2401
Mailing address:
Amiga CAD Sig
17515 East Johnson
Union, IL 60180

Amiga Computer Enthusiasts A.C.E.
Meeting Place: Percy Hopkins Auditorium
Christ Hospital, Oaklawn
When: 1st Thur. 7:30 PM
Interests: Amiga / Commodore
Contact: John Zale
(708) 687-7788
Mailing address:
P.O. Box 591
Oak Forest, IL 60452

Blake County Amiga User's Group
Meeting Place: Pulic Library in Libertyville
When: Third thursday of each month
Interests: Amiga
Contact: Phil Martinez, Doug Miller
Mailing address:
4503 Lathrop Drive
Woodstock, IL 60098

CCR
Meeting Place: Rockford College Star Science Bldg
Rockford
When: Thur one month Sat next month. 7:30-9:30 PM (9AM -12)
Interests: Amiga/Commodore
Contact: Mike Hoss

CNSAUG
Meeting Place: Arlington Heights Pulic Library
Arlington Heights
When: 4th Wed. 7-10PM
Interests: Amiga
Contact: Thomas Karlman
312-934-3334

CUCCUG
Meeting Place: Univ. of Illinois (Gregory Hall)
Uranu
When: 3rd Thur. 7 PM
Interests: Amiga/ Commodore
Contact: Art Lewis Kimall

Computers West
Meeting Place: College of DuPage
Glen Ellyn
When: 1st Wed. 7:30 PM
Interests: Amiga / Commodore
Contact: Alan Chumley
312-231-3845

E. Peoria
Meeting Place: Please Call For Meeting Place
E. Peoria
When: 3rd Sat. 4-6:30 PM
Interests: Commodore
Contact: David Mc Millian
309-745-8455

Fox Valley Amuse
Meeting Place: St. Charles Savings & Loan
Corner of RT. 38 & Randall Road
When: 2nd Monday 7-10 PM
Interests: Amiga
Contact: Robert Woell
(708) 759-1590
Mailing address:
Fox Valley Amuse
P.O. Box 4125
Aurora, IL 60507-4125

JACUG
Meeting Place: First Christian Church
508 W. Vandalia, Jacksonville
When: 7PM
Interests: Amiga/ Commodore
Contact: Greg Simpson
217-882-5481

WIPUG
Meeting Place: Quintron (cafeteria)
Quincy
When: 3rd Thursday 7-9PM
Interests: Amiga/ Commodore/ MS-DOS
Contact: Edward Mills
217-656-3671

▼ INDIANA ▼

Amiga Users of Michiana
Meeting Place: Christ The King Lutheran Church Samaratin Center
17195 Cleveland Road, Mishawaka
When: 1st Wed. 7:30 PM
Interests: Amiga
Contact: Craig Haror Pres.
219-287-3344
Mailing address:
2609 Mishawaka Ave.
South Bend, IN 46615

Bloomington Amiga Users Group AUG
Meeting Place: Porticos Restaurant 3rd Floor
Bloomington
When: 2nd Wed. 7 PM
Interests: Amiga
Contact: Bill Roberts
812-876-9167
Mailing address:
James Marusek
RR4, Box 920A
Bloomfield, IN 47424

Commodore Users of Nolesville
Meeting Place: Carmel Pulic Library
Carmel
When: 1st Wed. 7PM
Interests: Amiga/Commodore
Contact: David Anderson
317-844-2093

Indianapolis Computer Club Inc.
Meeting Place: 7 & 8 Christian Church
2916 W. 30th St, Indianapolis
When: 2nd Tue.
Interests: Commodore /MS-DOS
Contact: John Fiega
317-353-2110

Logansport Commodore Club
Meeting Place: Girl Scout Camp
303 E. Clay Logansport
When: 3rd Wed. 7PM
Interests: Amiga/ Commodore
219-223-4542

Richmond Area Computer UG
Meeting Place: Richmond City Bldg (community room)
Richmond
When: 1st Mon even months /2nd Mon odd months. 7-9PM
Interests: Amiga/ Commodore
Contact: Dudley Fetzter
317-966-9169

Rochester Commodore Comp Club
Meeting Place: Rochester Pulic Lirary
Rochester
When: 2nd Sat. 1PM
Interests: Commodore
Contact: Dan Zellers
219-223-4542

▼ IOWA ▼

C-5 Capital Complex
Meeting Place: Grimes State Office Bldg
E 11th & Gray, DesMoines
When: 2nd Tue. 7PM
Interests: Amiga/ Commodore
Contact: Larry Eamer
515-263-8104

COUGAR
Meeting Place: Midland Financial
525 Main St, Ames
When: 1st Sun (except holidays -2nd Sun) .2-4PM
Interests: Commodore
Contact: Steve Huffman
515-432-4006 evenings

Commo-Hawk Commodore Users Group
CHCUG
Meeting Place: First Trust & Savings Bank
1820 1st Ave. NE Cedar Rapids
When: 2nd Tues. 7PM Amiga/C-64 SIG meeting 4th Sun.
Interests: Amiga, Commodore
Contact: Linda Bloedel
(319) 366-2347
(319) 396-0446 S
Mailing address:
P.O. Box 2724
Cedar Rapids, IA 52406-2724

Northeast Iowa Amiga UG
Meeting Place: Red Cross Bldg
2530 University Ave., Waterloo
When: 3rd Sun. 5PM
Interests: Amiga
Contact: Mary Jensen
319-277-3758

Quad Cities Commodore Computer Club
Meeting Place: Scott Community College, Student Life Center, Rm. 234
Belmont Road, Bettendorf, IA
When: 3rd Tues. 7PM
Interests: Commodore
Mailing address:
P.O. Box 3994
Davenport, IA 52808

Tri-State Commodore UG
Meeting Place: State Bank Bldg
Hwy 151, Kieker
When: 2nd & 4th Mon. 7 PM
Interests: Commodore
Contact: Wayne Holt
319-582-4702

▼ KANSAS ▼

Atchison Commodore UG
Meeting Place: Atchison Pulic Library
401 Kansas Ave Atchison
When: 2nd Tue. 7 PM
Interests: Amiga/ Commodore
Contact: Larry Gilbert
913-367-2419

Topeka Commodore Computer UG
Meeting Place: National Guard Armory
28th & Topeka Ave. Topeka
When: Last Tue. 7-9 PM
Interests: Amiga / Commodore
Contact: James Wilson
913-235-8452

▼ KENTUCKY ▼

Christian County Commodore Club
Meeting Place: Second Baptist Church
Education Bldg
Hopkinsville
When: last Thur. 7 PM
Interests: Amiga/ Commodore
Contact: Terry Fugua
502-886-6621

Glasgow Commodore UG
Meeting Place: Farmer Rec. Bldg
504 S. Lewis St. Glasgow
When: 1st & 3rd Mon. 6:30 PM
Interests: Amiga / Commodore
Contact: Larry Stell

MCCUG
Meeting Place: Harin Memorial Lirary
Greensville
When: 3rd Thur. 7 PM
Interests: Amiga/ Commodore
Contact: Stanley Fleming
502-338-3053

▼ LOUISIANA ▼

Ark-La-Tex Commodore Club
Meeting Place: John Calvin Pres. Church
3030 Colquitt Rd. Shreveport
When: 1st & 3rd Wed. 7 PM
Interests: Amiga/ Commodore
Contact: Bill Walker
318-636-3611

BRACE
Meeting Place: Cortana Mall (Cortana Room)
Baton Rouge
When: 1st Tue. 7 PM
Interests: Amiga/ Commodore
Contact: Roland Caarson
504-925-9332

LA.U.G.
Meeting Place: Lafayette City Hall
705 W. University Ave. Lafayette
When: 3rd Fri. 7:30 - 11 PM
Interests: Amiga
Contact: Clifton Bonhomme
318-232-9866

New Orleans Commodore Klub
Meeting Place: Old Metairie Public Library
2350 Metairie Road Metairie
When: 2nd Sat. 4 PM
Interests: Amiga/ Commodore
Contact: Robert H. Fergeson
504-482-8551
Mailing address:
3701 Division St. Suite 140
Metairie, LA 70002

Page User's Group
Meeting Place: Metro Mall Community Room
Alexandria
When: 2nd Sat (3rd Wed). 10 AM (7 PM)
Interests: Amiga/Commodore/MS-DOS
Contact: S.C. Miller
318-473-8611

Sixty Four UM
Meeting Place: Jefferson Parish Library
Metairie Road, Metairie
When: 2nd Mon. 6-10 PM
Interests: Commodore
Contact: Gene Earl
504-861-2893

St. Tammany Amiga Fanatics STAF
Meeting Place: Faith Bible Church
When: Every third Thursday of the Month from 7pm till 10pm
Interests: Amiga
Contact: Don Talbot
(504) 641-5428
Mailing address:
P.O. Box 928
Slidell, LA 70460-0928

▼ MAINE ▼

Amiga Users of Southern Maine
Meeting Place: Fleet Bank
Cumberland Street, Westbrook
When: 1st Fri. 6:30 PM
Interests: Amiga/ Commodore
Contact: Joe Beecher
BBS/207-865-3004

Kennebunk Southern Maine Commodore UG
Meeting Place: Kennebunk Town Hall
1 Summer St. Kennebunk
When: 2nd thur. 7 PM
Interests: Amiga / Commodore
Contact: Richard Lembree
207-967-3381

PACE
Meeting Place: Varies- please call Belfast
Interests: Amiga
Contact: Michael Weinberg
207-338-3066

Southern Maine Commodore UG
Meeting Place: Portland Pulic Lirary, 5 Monument Sq.
Univ. of Maine Saco Campus,Saco Island, Saco
When: 2nd Sat 12:30 PM
Interests: Amiga/ Commodore
Contact: Richard Lemree
207-967-3381
S 207-967-3719
Mailing address:
P.O. ox 416
Scarorough, ME 04070-0416

▼ MARYLAND ▼

A.B.C.U.G.
Meeting Place: North County Library,
Glen Burnie
When: Fourth Tuesday of the month at 7pm
Interests: Amiga/Commodore
Contact: Joe Korczynski
(301) 760- 9764
Mailing address:
P.O. Box 589
Hanover, MD 21076

Another Amiga Group
Meeting Place: Provinces Branch
Arundel County Library
Odenton
When: 2nd Mon

Graphic Arts
Desktop Video
Word Processing
Desktop Publishing
Music
Education
Business & Home Productivity
Programming
Utilities
Entertainment
Miscellaneous Software
Drives
Memory Expansion
Accelerators
Video Hardware
Miscellaneous Hardware
Accessories & Services
Books & Tapes
CDTV
PDS Guide
AMICUS Index
Fred Fish Index
Vendor/Product Registration
AC Back Issue Index
User's Groups
Vendor Information
Product Index by Product
Product Index by Vendor
Category Index
Last Minute Additions

BAUD

Meeting Place: Public Library
Loch Raven Blvd & Taylor Ave,
Baltimore
When: 1st Sat . 1 PM
Interests: Amiga
Contact: Ed Hopper
301-467-1034

CUM-ACC

Meeting Place: Meeting are held at
various members homes
Lutherville
When: 3rd Sun. 1-5 PM
Interests: Amiga
Contact: Richard Williams
301-296-4414

NOBUG 64/128

Meeting Place: Calvary Lutheran Church
Baltimore
When: 3rd Mon. 7:30 PM
Interests: Commodore
Contact: Solis James
301-325-2083

Rockville Commodore UG

Meeting Place: Twinbrook Library
Rockville
When: 3rd Thur. 7:30 PM
Interests: Commodore
Contact: Cy Fellerman
301-493-8661

SMAUG

Meeting Place: meeting place varies
Huntingtown
When: 1st Tue . 7-9 PM
Interests: Amiga
Contact: Vicki Harmon
301-535-3842

▼ MASSACHUSETTS ▼

Boston Computer Society

Meeting Place: Call for info on meeting
place
Cambridge
When: 3rd Tues 7:00PM
Interests: Commodore
Contact: Barbara Mintz
617-367-8080
Mailing address:
P.O. Box 1729
Cambridge, MA 02238

Fall River Commodore Club

Meeting Place: Somerset Public Library
Fall River
When: 2nd Mon. 6:30 PM
Interests: Amiga / Commodore
Contact: Tim Arruda
BBS/508-677-4535

Northern Berkshire Amiga Club, The

Meeting Place: North Adams State
College Library Church Street
North Adams
When: Last Fri. 6 PM
Interests: Amiga
Contact: Adrian Sebborn
(413) 664-4511 ext. 516
(413) 445-7310 BBS
Mailing address:
Adrian Sebborn North Adams State
College
Church Street
North Adams, MA 01247

Pioneer Valley Commodore Club

Meeting Place: W. Mass Electric Bldg
Brush Hill Rd. Springfield
When: 3rd Thur . 7:30 PM
Interests: Amiga/ Commodore /MS-
DOS
Contact: Marvin Yale
413-562-1027
BBS413-568-4466

S.N.H.A.U.G.

Meeting Place: West Manchester Public
Library
Manchester
When: 3rd Sat. 12 - 4:30 PM
Interests: Amiga
Contact: Dave Nye
508-897-6765
603-669-6719

The Boston Computer Society

Meeting Place: Department of
Transportation
55 Broadway Cambridge
When: 3rd Tue. 7PM
Contact: Alan Hoyland
617-438-9164

WCAUG

Meeting Place: S Works VFW Post
Ballard St.
Worcester
When: 2nd Wed. 7:30 PM
Interests: Amiga
Contact: Don Carlson
508-835-2453

▼ MICHIGAN ▼

Coastline Commodore Comp Club

Meeting Place: American Legion Hall
201 Lamuee Biloxi
When: 1st Sat . 9:30 AM
Interests: Amiga / Commodore/ MS-
DOS
Contact: William K. Hubler
601-374-2582

Downriver Commodore Group

Meeting Place: Taylor Community
Library
Taylor
When: 1st & 3rd Wed . 8 PM
Interests: Amiga
Contact: Dino Costantino
313-277-0114
313-386-1565

Jackson Commodore Computer Club

Meeting Place: 2214 E. Ganson
Jackson
When: last Thur. 7:30 PM
Interests: Amiga/Commodore
Contact: Tony Bengel
517-782-6753

Jackson Commodore UG

Meeting Place: Computer Services
Jackson
When: 3rd Thur. 7 PM
Interests: Amiga / Commodore
Contact: Daniel Myers
601-352-0707

Kalamazoo Valley Home UG

Meeting Place: KVCC (room 1040)
Kalamazoo
When: 2nd Thur. 7:30 PM
Interests: Commodore
Contact: Donald Campbell
616-345-7039

Michigan Commodore UG

Meeting Place: Warren-Woods Middle
School
13400 Twelve Mile Rd Warren
When: 3rd Thur . 7-9 PM
Interests: Amiga/ Commodore / MS-
DOS
Contact: Art Ferrazutti

Midland Computer Club

Meeting Place: Grace A Dow Library St.
corner of St. Andrews and Eastman Rd.
Midland
When: Fourth Monday of every month
at 7pm
Interests: Amiga/ Commodore
Contact: Rick Rosinski
(517) 631-7162
Mailing address:
4702 Jefferson
Midland, MI 48640

Saginaw Area Commodore User's

Group
SACUG
Meeting Place: Zauel Memorial Library
3100 N. Center Rd, Saginaw Twp.
When: Third Tuesday of the month at
7pm
Interests: Amiga, 128,64
Contact: John Lehtinen
(517) 695-5974
Mailing address:
P.O. Box 2393
Saginaw, MI 48605

▼ MINNESOTA ▼

A.M.I.G.A.

Meeting Place: Brookdale- Hennepin
Area Library
6125 Shingle Creek Parkway
When: 3rd Thur. 6:30-8:30 PM
Interests: Amiga/Commodore
Contact: Dennis
939-0325

Amiga of Minnesota Interest Groups

Alliance
A.M.I.G.A.
Meeting Place: Brookdale-Hennepin
Area Library
6125 Shingle Creek Parkway
When: 3rd Thur. 6:30-8:30 PM
Interests: Amiga/Commodore
Contact: Dennis Olsen Bet. 6-9 PM
612-939-0325
800-227-2983 BIX
BBS 612-895-0117
Mailing address:
P.O. Box 32374
Fridley, MN 55432

Minnesota Commodore UG

Meeting Place: Park Center High School
Brooklyn Park
When: 3rd Wed . 7 PM
Interests: Amiga/ Commodore
Contact: Loren lovhaug
612-588-3078

Twin Ports Area Amiga Users Group

Meeting Place: UMD Room MWAH
176 Duluth
When: 2nd Tue . 7 PM
Interests: Amiga
Contact: Kenji Ogura
218-722-2641

▼ MISSOURI ▼

Amiga Users Group of Kansas City Inc.

Meeting Place: Baptist Medical Center
6601 Rockhill Rd Kansas City
When: Third Monday of each month at
7pm
Interests: Amiga
Contact: Mike or Robin Thompson
816-444-3711
BBS 816-322-5803
Mailing address:
9014 Central
Kansas City, MO 64114

Columbia Commodore User

Meeting Place: Columbia Mall (meeting
room)
Columbia
When: 2nd Thur . 6:30 -9 PM
Interests: Amiga / Commodore
Contact: Harold Lawson
314-474-2303

Commodore UG of Springfield

Meeting Place: VFW Post 3403 (bingo
room)
1136 E. Atlantic Springfield
When: 2nd Sat. 10 AM
Interests: Commodore
Contact: Bill Patrick
417-882-3866

Gateway Amiga Club Inc.

Meeting Place: Washington Univ med
School
4566 Scott St Louis
When: 1st Wed . 7:30 PM
Interests: Amiga
Contact: Bob Scharp
314-739-5181 aft 11 AM -
Mailing address:
P.O. Box 811
Bridgeton, MO 63044

Gateway Amiga Club Inc.

Meeting Place: Bridgeton Trails Library
3455 McKelvey Road Bridgeton
When: 3rd Wed. 7:30 PM
Interests: Amiga
Contact: Bob Scharp
314-739-5181 aft 11 AM -

Joplin Commodore Computers UG

Meeting Place: 422 S. Florida Ave
Joplin
When: 3rd Sat . 7:30 PM
Interests: Amiga/ Commodore
Contact: Dale Connley
417-624-5259

Ozarks Amiga Comp Enthusiast's

Meeting Place: Springfield Public
Library Kickapoo Prairie Branch
Springfield
When: 4th Sat . 9:30 AM -Noon
Interests: Amiga
Contact: Steve Languth
417-882-5995

▼ MONTANA ▼

Missoula Commodore UG

Meeting Place: Montana Power Bldg
Missoula
When: 1st Thur. 7 PM
Interests: Amiga/ Commodore
Contact: Becky Maier
406-626-4730

▼ NEBRASKA ▼

Amiga Users of the Heartland, Inc.

Meeting Place: Elks Lodge #39
96th & Harrison, Omaha
When: 3rd Tue. 7PM
Interests: Amiga
Contact: Larry Zwart
402-571-1393
Mailing address:
P.O. Box 1432 DTS,
Omaha, NE 68101-1432

MCUG

Meeting Place: McCook Public Library
(basement)
McCook
When: 3rd Sun (Sept-May) . 6 PM
Interests: Amiga / Commodore
Contact: Dave Matthews
308-345-5884

▼ NEVADA ▼

Southern Nevada Amiga Group

S.N.A.P
Meeting Place: Nevada Power Bldg.
1973 N. Nellis Suite 224 Las Vegas
89115
When: every other Sat. 10 am
Interests: Amiga
Contact: Eric Douglas
(702) 798-4760
(702) 456-9846 voice
(702) 566-0683 BBS

▼ NEW HAMPSHIRE ▼

Commodore Users Group

Meeting Place: Bow Memorial School
Bow
When: 1st Mon. 7 PM
Interests: Amiga/ Commodore
Contact: Albert Couture
603-669-2439

Seacoast Area Amiga Users Groups

SAAUG
Meeting Place: Digital Connections
Computer
Dover Point Office Park Dover
When: 3rd Sun. 2-5 PM
Interests: Amiga
Contact: Steve Endsley
603-742-2233
Mailing address:
P.O. Box 878
Rochester, NH 03867

▼ NEW JERSEY ▼

Amiga Users' Group of New Jersey

Meeting Place: Rutgers' University
Camden
When: 3rd Thur . 7 PM
Interests: Amiga
Contact: Jay Forman
609-667-2526

Cebug

Meeting Place: East Brunswick Library
E. Brunswick
When: 1st Thur . 7 PM
Interests: Commodore
Contact: Dave Pollak
201-390-6767

Eastern North Jersey Amiga User

Group
ENJA
Meeting Place: American Legion Hall
180 Union Blvd, Totowa
When: The first Wednesday of each
month at 7:30pm

Interests: Amiga
Contact: Steve Redington
 (201) 785-6155
BBS: (201) 256-0691
Mailing address:
 ENJA
 P.O. Box 2314
 West Paterson, NJ 07424

M.A.C.U.G.
Meeting Place: Parsippany Public Library
 Parsippany Road Parsippany
When: 3rd Thur. 7:30 PM
Interests: Amiga / Commodore
Contact: Michael Pallante
 201-361-4560

New Jersey Amiga Video Animation and Graphics Special Interest Group
New Jersey Amiga SIG
Meeting Place: Members homes, studios, & places of business
When: 2nd Friday of the month
Interests: Review new hardware and software, help each other become more proficient
Contact: Roger Elowitz or Sam Russell
 (908) 536-4786 (R. Elowitz)
 (609) 466-4727 (S. Russell)

▼ NEW MEXICO ▼

Aviation & Computer Enthusiasts
Meeting Place: Call for day & time
 2009 Camelot Dr., Las Cruces
When:
Interests: Amiga/ Commodore/ MS-DOS
Contact: Carl Bogardus
 505-526-5645

CUGOR
Meeting Place: Roswell Adult Center
 807 N Missouri Roswell
When: 1st & 3rd Wed. 7 PM
Interests: Commodore
Contact: Ralph Knight
 505-622-9250

Deming Commodore UG
Meeting Place: 1400 Mallory
 Deming
When: 1st & 3rd Tue. 7:30 PM
Interests: Commodore
Contact: Robert Sandoval
 505-546-3351

NEW MEXICO COMMODORE USERS GROUP
NMCUG
Meeting Place: Amiga Systems Group:
 Wellington Place Clubhouse 3303 Adams NE
 C-series Group: Cafeteria of Saint Joseph's Heights Hospital
When: Amiga Systems Group: 2nd Wed. 7:00 PM & 4th Sat. 1:00 PM C-series: 1st Mon
Mailing address:
 P.O. Box 37127
 Albuquerque, NM 87176

Rio Grand Valley Amiga UG
Meeting Place: Jacobs Hall NMSU / room 129
 Las Cruces
When: 1st Thur. 7 PM
Interests: Amiga
Contact: Marilyn Martin
 505-646-1840

▼ NEW YORK ▼

Binghamton AMIGA User Group
BAUG
Meeting Place: Vestal Public Library
When: 2nd Wed.
Interests: Amiga
Contact: Gary B. Lee
 607-754-0624 after 4PM Eastern time
Mailing address:
 332 Clifford Dr.
 Vestal, NY 13850-1010

C.D.A.U.G.
Meeting Place: The Computer Cellar
 Westgate Shopping Mall
 Albany
When: 3rd Thur. 6:30 PM
Interests: Amiga
Contact: Carmen Artino
 518-783-1784

Columbia University Commodore-Amiga Users Groups
CUCAUG
Meeting Place: Shapiro Hall Room 1011
 Columbia University
When: Bi-Thurs. at 7 PM
Interests: Amiga
Contact: Ethan Solomita
 (212) 853-2205

Commodore Users Group of Rochester
CUGOR
Meeting Place: Visual Studies Workshop
 50 Prince Street, Rochester, NY
When: 2nd and last Wednesdays of each month
Interests: Amiga
Contact: John McElver
 BBS# (716) 621-5908
Mailing address:
 Commodore Users Group of Rochester
 P.O. Box 23463
 Rochester, NY 14692

Long Island Commodore Amigans
LICA
Meeting Place: Veterans of Foreign Wars Hall
 403 Maple Avenue
When: 3rd Fri 8 PM
Interests: Amiga/ Commodore
Contact: Michael Robinson
 (718) 326-1087
 (516) 489-2745 BBS

New York Amiga User Group
AMUSE
Meeting Place:
When:
Interests: Amiga
 (212) 460-8067
Mailing address:
 AMUSE NY Amiga User Group
 151 First Ave., Ste. 182
 New York, NY 10003

T.A.S.C. II
Meeting Place: E.C. Unlimited
 Fulton
When: 3rd Sun. 2 PM
Interests: Amiga
Contact: Jean Gulliver
 315-593-1825

The Bronx Users Group
BUG
Meeting Place: 3400 Ft. Independence St.
 Community Rm
When: 2nd Thur. 7:30-9:30PM
Interests: Amiga/Commodore
Contact: Bruce Roberts
 BBS 212-671-7050
Mailing address:
 P.O. Box 523
 Bronx, NY 10475

Triple Cities Commodore Society
Meeting Place: Vestal Public Library
 Vestal
When: 1st Tue & 3rd Thur. 7 PM
Interests: Commodore
Contact: Larry Drumm
 607-797-6117

Westchester Amiga User Group
WAUG
Meeting Place: Software Link
 White Plains
When: 1st Thur., 7:30
Interests: Amiga
Contact: Billy Winters
 914-769-9433
Mailing address:
 WAUG c/o Billy Winters
 460 West Lake Dr.
 Valhalla, NY 10595

▼ NORTH CAROLINA ▼

F.A.C.E.
Meeting Place: Software Exchange
 Sycamore Square
 Shopping Center, Fayetteville
When: 3rd Wed. 7 PM
Interests: Amiga
Contact: John Berger
 BBS / 419-432-2013

Triangle Amiga Users
Meeting Place: Arts Center, 300 Main St
When: Last Sunday:6:30pm
Interests: Amiga
Contact: Steve Ayscue, Don Nelson
 (919) 477-1067
 (919) 942-2764
Mailing address:
 c/o Robin LaPasha
 1927 Faucette Ave
 Durham, NC 27704

Wilmington Commodore UG
Meeting Place: Cape Fear Community College
 Wilmington
When: 2nd Tue. 7 PM
Interests: Amiga / Commodore
Contact: Wade Harris

▼ NORTH DAKOTA ▼

C.D.C.C.
Meeting Place: First Federal Bank Bldg
 Bismarck
When: 2nd Thur. 7:30 PM
Interests: Amiga / Commodore
Contact: Troy Tausend

Fargo Moorhead Amiga UG
Meeting Place: 610 Main Ave.
 Fargo
When: 3rd Wed. 6:30 PM
Interests: Amiga
Contact: John Steiner
 701-282-0293

▼ OHIO ▼

A.C.C.U.G.
Meeting Place: CEI Bldg -2nd floor
 Ashtabula
When: 2nd Wed. 7 PM
Contact: Joe Schnoblen

Akron Area Commodore UG
Meeting Place: Green Middle School
 Greensburg
When: 3rd Sat. 1 PM
Interests: Amiga/ Commodore
Contact: Howard Busson
 216-794-1953

Amiga Central Ohio Network
AMICON
Meeting Place: Chemical Abstract Service
 2400 Olentang River, Columbus
When: 1st Sat-10 AM, 3rd Wed-7 PM
Interests: Amiga
Contact: Chuck Cave
 (614) 436-0617
 (614) 263-3009 BBS
Mailing address:
 P.O. Box 18311
 Columbus, OH 43218

Amiga UG # 432
Meeting Place: Red Cross Building
 266 W. Wood St., Youngstown
When: 2nd Sat. 2 PM
Interests: Amiga
Contact: Dennis Alexander
 (216) 726-8450
 (216) 856-7869

Basic Bits Commodore Group
Meeting Place: Fields UM Church
 34077 Lorain Rd. N. Ridgeville
When: 3rd Fri. 7:30 PM
Interests: Amiga / Commodore

CA-AUG
Meeting Place: Cleveland Institute of Art
 11610 Euclid Ave Cleveland
When: summer / 3rd Sat. 2-4:40 PM
Interests: Amiga
Contact: Bill Hogsett
 216-295-1624
Mailing address:
 2875 Hampton Road
 Apt. 22
 Cleveland, OH 44120

CEBUG
Meeting Place: Zion Luth Church-Huron
 Huron
When: 3rd Mon. 7:30 PM
Interests: Amiga/ Commodore
Contact: Irene Kraus

CHUGS
Meeting Place: Clark Cty Mental Health Board
 1101 E. High St., Springfield
When: 3rd Sat. 1 PM
Interests: Amiga/ Commodore
Contact: Barbara Bickel
 513-322-9310

Canton Akron Massillon UG
Meeting Place: Holy Trinity Lutheran Church
 55th & Middlebranch Rd. N Canton
When: 3rd Sat. 7-10 PM
Interests: Amiga / Commodore / MS-DOS
Contact: Roger Knop
 216-499-0848

Central Ohio Commodore UG
Meeting Place: Columbus State Community College
 Columbus
When: 3rd Thur. 7:30 PM
Interests: Amiga / Commodore/ MS-DOS
Contact: Philip Lynch
 614-274-0304

Chillicothe Commodore UG
Meeting Place: Salem Church corner
 4th & Mulberry St., Chillicothe
When: 1st Tue. 7 PM
Interests: Amiga/ Commodore
Contact: Bill Pietschman
 614-773-2157

DACUG
Meeting Place: Kettering Rec Center
 Kettering
When: 2nd Sat. 3-7 PM
Interests: Amiga/ Commodore
Contact: Elwood Dombusch
 513-426-6558

HUG-64
Meeting Place: Old Court House
 819 Park St., Findlay
When: 2nd Wed. 7 PM
Interests: Commodore
 419-424-0455

L-BUG
Meeting Place: Bowie Community Center
 Bowie
When: 3rd Tues. 7:30 PM
Interests: Amiga / Commodore
Contact: Lee Wiseman
 301-464-1745

North Coast Amiga User Group
Meeting Place: Kirtland Public Library
 9258 Chillicothe Rd, Kirtland
When: The second Saturday of each month, 10:00 till noon.
Interests: Amiga
Contact: Doug Southworth
 352-2192
 BBS: 953-8057
Mailing address:
 P.O. Box 1091
 Fairport Harbor, OH 44077

O.V.A.U.G.
Meeting Place: University of Cincinnati
 Rieveschl Hall Rm 502
 Cincinnati
When: Last Thur. 7:30 PM
Interests: Amiga
Contact: Dave Bane
 513-753-3310

TRUMCUG
Meeting Place: Cortland Bank Warren
 Elm Road Branch
 Warren
When: 3rd Wed (except July & Aug). 7:30 PM
Interests: Amiga/ Commodore
Contact: Robert Summers
 216-856-1228

The Commodore and Amiga UG Inc
Meeting Place: Grace Lutheran Church
 Columbus
When: 4th Sat —2nd Mon. 10 AM - 1:30PM—6:30-9:30 PM
Interests: Amiga / Commodore
Contact: Jo-Ann Nemeth
 614-253-7408

Graphic Arts
Desktop Video
Word Processing
Desktop Publishing
Music
Education
Business & Home Productivity
Programming
Utilities
Entertainment
Miscellaneous Software
Drives
Memory Expansion
Accelerators
Video Hardware
Miscellaneous Hardware
Accessories & Services
Books & Tapes
CDTV
PDS Guide
AMICUS Index
Fred Fish Index
Vendor/Product Registration
AC Back Issue Index
User's Groups
Vendor Information
Product Index by Product
Product Index by Vendor
Category Index
Last Minute Additions

Recently, we were ordered by U.S. military officials to explain to their complete satisfaction just what an *AC SuperSub* is (as we all know, it's the best subscription deal around for Amiga users, because it includes both *Amazing Computing* and *AC's GUIDE*).

☆☆☆☆

Then, a prominent Congressman wired to ask us if we would testify before a top-secret subcommittee as to whether or not we can produce a single prototype *SuperSub* for less than \$500 million (is this guy kidding? A one-year *SuperSub* costs just \$36 – and we can produce one for *anybody*!).

☆☆☆☆

Finally, a gentleman called us from Kennebunkport and told us to read his lips, but we told him we couldn't, because we don't have a picturephone.

☆☆☆☆

And then he ordered a *SuperSub*.

**AC's SuperSub -
It's right for you!**

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1-800-345-3360

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VICAP

Meeting Place: White Oak Library
Silver Spring
When: 2nd Sat . 2 PM
Interests: Commodore
Contact: Hugh Pettis
301-434-6944

▼ OKLAHOMA ▼

Commodore Users of Bartlesville
Meeting Place: Our Saviour Lutheran Church
300 N.E. Madison Blvd, Bartlesville
When: 4th Tue Odd months/ 4th Thur Even months.
Interests: Amiga/ Commodore
Contact: Fred Mayes
918-336-0233

Oklahoma Amiga Computer Enthusiasts

OACES
Meeting Place:
When:
Interests: Amiga
Contact: David Grothe
BBS: (405) 324-8061
Mailing address:
P.O. Box 760533
Oklahoma City, OK 73176-0533

TACUG

Meeting Place: Martin East Regional Lib
Tulsa
When: 2nd Mon. 7:30 PM
Interests: Commodore
Contact: Wayne Wehrspann
918-299-4559

▼ OREGON ▼

CUA

Meeting Place: Calvary Temple Church
5th & E. Pine Center Point
When: 1st Mon. 7 PM
Interests: Commodore
Contact: Kenneth Cote
503-779-3290

Lane County Commodore UG

Meeting Place: EWEB Community Room
Eugene
When: 3rd Sat . 10 AM -2 PM
Interests: Amiga/ Commodore
Contact: Francis Saffell
503-342-6228

M.I.G.A.

Meeting Place: Carefree Mobile Village (rec room)
Medford
When: 3rd Sat . 5 PM
Interests: Amiga
Contact: Randy Waarrick
503-826-7510

Northwest Amiga Group (NAG)

Meeting Place: P.G.E. Auditorium
3700 S.E. 17th, Portland
When: 4th Tue . 7 PM
Interests: Amiga / Commodore
Contact: Richard Machlan
BBS 503-656-7393 or 503-288-1918
626-3744
Mailing address:
P.O. Box 1140
Oregon City, OR 97045

▼ PENNSYLVANIA ▼

ABC Chips

Meeting Place: Sacred Heart Hospital
Allentown
When: 1st Wed. 7-10 PM
Interests: Amiga
Contact: Thomas Duff
215-865-4524

Buxmont Computer UG

Meeting Place: Lansdale Public Library
Lansdale
When: 2nd Thur. 7 PM
Interests: Commodore
Contact: Paul Steinmetz
215-368-1949

CPACC

Meeting Place: The Computer Experience
3401 Hartzdale Camp Hill
When: last Thur. 6:45 PM
Interests: Amiga
Contact: David Isett
717-737-9874

Huntingdon County Hackers

Meeting Place: Huntingdon County Library
Huntingdon
When: 2nd Sun. 2 PM
Interests: Amiga / Commodore
Contact: Shawn Ketner
814-643-1699
814-643-2549

L.E.A.G.U.E.

Meeting Place: Stauffer Mansion
1241 Litz Pike, Lancaster
When: 2nd Mon . 7 PM
Interests: Amiga
Contact: Lamar Stahl
717-569-1744

Main Line Commodore UG

Meeting Place: Villanova University
Villanova
When: 1st Sat . 9:30 AM
Interests: Amiga/ Commodore
Contact: Emil Volcheck
215-388-1581

Nepace Commodore UG

Meeting Place: Penn State Hazleton
Campus
Hazleton
When: 4th Fri (Sep - May). 7:30 PM
Interests: Amiga/ Commodore
Contact: David Orbin
717-450-3088

North Coast Commodore UG

Meeting Place: Villa Maria College
Erie
When: 3rd Tue . 7:15 PM
Interests: Amiga / Commodore
Contact: Calvin McAdoo
814-734-4589

Philadelphia Amiga UG

Meeting Place: MacAlister Hall Rm 4014
16 33rd & Chestnut St, Philadelphia
When: 2nd Sat . 12:30 - 4:30 PM
Interests: Amiga
Contact: Michael Levin
215-825-0548

Scranton Commodore UG

Meeting Place: Junior Achievement Center
Scranton
When: 3rd Tue . 7 PM
Interests: Commodore
Contact: Phil Matone
717-489-7843

White Rose Commodore UG

Meeting Place: Adams Electric
Cooperative
York
When: 3rd Wed. 7 PM
Interests: Commodore
Contact: James A. Miller
717-848-9321

▼ RHODE ISLAND ▼

Narragansett Commodore UG

Meeting Place: Showamut Baptist Church
West Shore Road, Warwick
When: 4th Wed. 7:30 PM
Interests: Amiga/ Commodore
Contact: Ron Maguire
401-738-6972

The Rhode Island Apple Group

RIAG
Meeting Place: Providence Country Day School
East Campus, Waterman Ave., East Providence, RI
When: 3rd Tues. 7:30 PM
Interests: Apple
Contact: Gerald Heller
401-751-7155
Mailing address:
P.O. Box 4726
Rumford, RI 02916

Warwick Commodore UG

Meeting Place: St. Barnabus Church
Appanoag
When: 2nd Wed. 7:30 PM
Interests: Amiga / Commodore / MS-DOS
Contact: Ted Walters
401-433-5617

▼ SOUTH CAROLINA ▼

Commodore Computer Club of Columbia

Meeting Place: Classics
1632 Hampton St, Columbia
When: 1st Thur . 7:30 PM
Interests: Amiga /Commodore
Contact: Buster White
803-733-9783
803-772-0305

SPARCUG

Meeting Place: Spartanburg Art Center
Spartanburg
When: 2nd Sun (except May). 1:30 PM
Interests: Amiga / Commodore / MS-DOS
Contact: Lee Speer
803-582-5222

▼ SOUTH DAKOTA ▼

Aberdeen Commodore Club

Meeting Place: NW Bell Bldg
15 SW 4th Ave., Aberdeen
When: last Tue. 7 PM
Interests: Amiga / Commodore
Contact: Dorothy Gathright
(605) 622-3880 BBS

▼ TENNESSEE ▼

Commodore Association of SE

Meeting Place: Bonanza
Stewart Ferry Pk & I-40 Nashville
When: Sat at noon
Interests: Amiga/ Commodore
Contact: Thomas Kujawa
615-648-1838

Hackers

Meeting Place: Bartlett Lib
Bartlett
When: 2nd Mon - 3rd Sat. 7 PM - 10 AM
Interests: Commodore
Contact: James Patrick
901-795-0461

Memphis Amiga Group

Meeting Place: State Tech Inst At Memphis
Memphis
When: 2nd Sat. 1 PM
Interests: Amiga
Contact: Broadus Weatherall
901-767-9239

Memphis Commodore Users Club

Meeting Place: State Tech Inst Fulton
Auditorium
Memphis
When: 1st Tue. 7 PM
Interests: Commodore
Contact: Bob Nunn
901-795-0461

The Amiga Club

Meeting Place: Cumberland Museum
Antioch
When: 2nd Thur. 7 PM
Interests: Amiga
Contact: Becky Fox Matthews
(615) 776-5438 BBS
Mailing address:
P.O. Box 218232
Nashville, TN 37221

▼ TEXAS ▼

CUT

Meeting Place: 7007 Memphis Ave.
Lubbock
When: 2nd Tue — 4th Sat. 7-9 PM—3:5 PM
Interests: Amiga/ Commodore
Contact: Gayle Gafford
806-792-7121

Central Texas Amiga Computer Society

CTACS
Contact: Arnaldo R. Cruz
BBS (512) 218-9007
Mailing address:
ATTN: Treasurer
P.O. Box 141664
Austin, TX 78714

Club Amiga

Meeting Place: Micro Search Computers
9896 S.W. Freeway Houston
When: 1st Thur. 7-9 PM
Interests: Amiga
Contact: Joyce Burek
713-481-4704 after 4 PM

Commodore Amiga users of San Antonio

CASA
Meeting Place: Amazing Computers
7115 Blanco Ste. 114
San Antonio
When: 2nd Mon, 7 PM
Interests: Amiga
Contact: James O. Jackson
(512) 921-1758
Mailing address:
CASA
P.O. Box 290039
San Antonio, TX 78280-1439

El Paso Amiga Users Group

EPAUG
Meeting Place: St. Pauls Methodist Church
7000 Edgemere
When: 2nd and 4th Thur. 7:00PM
Interests: Amiga
Contact: Walker Jackson
Mailing address:
6628 Mariposa
El Paso, TX 79912

El Paso Commodore UG

Meeting Place: Lincoln Cultural Arts Center
4001 Durazno El Paso
When: 2nd Thur — last Sat. 7 PM— 10 AM
Interests: Amiga/Commodore/ MS-DOS
Contact: Blaine Snyder
915-751-9884

Longview Commodore UG

Meeting Place: Pinetree Jr. High School
Longview
When: 3rd Tue. 7 PM
Interests: Amiga / Commodore
Contact: Eldon Boswell
214-759-9064

Mid-Cities Commodore Club

Meeting Place: Arlington / Grand
Prairie Chapter
Arlington Community Center, Arlington
When: 3rd Tue. 7 PM
Interests: Commodore
Contact: Glen Herring
817-572-0489

Mid-Cities Commodore Club

Meeting Place: Fort Worth Chapter
Southwest Regional Library, Arlington
When: 3rd Sat. 1:30 PM
Interests: Amiga/ Commodore
Contact: Eldor Luedtke Jr
817-626-0518

Mid-Cities Commodore Club

Meeting Place: Amiga Central Chapter
Arlington Community Center, Arlington
When: 3rd Tue . 7:30 PM
Interests: Amiga
Contact: Bill Keatley
817-292-6639

Mid-Cities Commodore Club

Meeting Place: Amiga By-The -Loop Chapter
N. Richland Hills Church, Arlington
When: 2nd Tue. 7:30 PM
Interests: Amiga
Contact: Brent Wood
817-246-3707

Graphic Arts
Desktop Video
Word Processing
Desktop Publishing
Music
Education
Business & Home Productivity
Programming
Utilities
Entertainment
Miscellaneous Software
Drives
Memory Expansion
Accelerators
Video Hardware
Miscellaneous Hardware
Accessories & Services
Books & Tapes
CDTV
PDS Guide
AMICUS Index
Fred Fish Index
Vendor/Product Registration
AC Back Issue Index
User's Groups
Vendor Information
Product Index by Product
Product Index by Vendor
Category Index
Last Minute Additions

TOTCOM

Meeting Place: LTV
530 West Brown, Pampa
When: 1st & 3rd Thur. 7 PM
Interests: Amiga/ Commodore
Contact: Sid Robinson

TRICUG

Meeting Place: call for meeting place
Amarillo
When: 2nd Sat. 10 AM- 12 Noon
Interests: Amiga/Commodore/MS-DOS
Contact: Wayne Martin
806-355-4577

Technical Analysis Software Users Group

TASUG
Meeting Place:
When:
Interests: Amiga
Contact: Mike Mead
Mailing address:
2112 Covered Wagon
Plano, TX 75074

Texas Commodore UG

Meeting Place: Lewis Hunnicutt's House
Rousey City
When: call for day and time.
Contact: Lewis Hunnicutt
214-635-9005

▼ UTAH ▼

Amiga Round Table ART

Meeting Place: Weber State College,
Lind Lecture Hall, Rm 126, Ogden
When: 2nd Sat. 11AM
Interests: Amiga
Contact: Leonard Larsen
801-825-8121
Mailing address:
P.O.Box 602
Clearfield, UT 84015

BYU Amiga Users Group

Meeting Place: 258 ELWC on the
Brigham Young University
Provo
When: 2nd & 4th Sat. 10 AM
Interests: Amiga
Contact: Brian Koetting
801-377-2269

▼ VERMONT ▼

Champlain Valley Commodore UG

Meeting Place: S. Burlington Middle
School (cafeteria)
S. Burlington
When: last Wed. 7-9 PM
Interests: Amiga / Commodore
Contact: Steve Lippert
802-658-4160

▼ VIRGINIA ▼

Amigoid Life-Form Association

A.L.F.A.
Meeting Place: Thomas Nelson
Community College, Gator Room
When: 2nd Mon. 7 PM
Interests: Amiga
Contact: Norm Goswick
804-865-7903
Mailing address:
PK Birkmeyer
4706 Maser Court
Hampton, VA 23666

CURVE

Meeting Place: Dumbarton Lib Staples
Mill Penick
Richmond
When: 3rd Mon. 7 PM
Interests: Amiga / Commodore
Contact: Kent durvin
804-321-5057

Capital Area Commodore Enth

Meeting Place: Tysons- Pimmit Regional
Lib
Fairfax City
When: 4th Sat. 1:30 PM
Interests: Amiga/ Commodore
Contact: William Tyler
703-471-0442

Portsmouth Commodore UG

Meeting Place: Portsmouth Catholic El
School
Portsmouth
When: 4th Tue. 7:30 PM
Interests: Amiga/ Commodore
Contact: Louis Parker
804-488-2249

R.A.G.

Meeting Place: Dumbarton Lib
Richmond
When: 4th Sat.
Interests: Amiga
Contact: Bob Fisher
804-353-0225

South West Virginia Computer Enthusiasts Group

SWVCEG
Meeting Place: Salem Civic Center
When: 2nd Tuesday of the month 6-9 PM
Interests: Graphics and games
Contact: Paul Miller or Carl Shermat
(703) 562-1767
Mailing address:
SW Virginia Computer Enthusiasts
Group
P.O. Box 727
Salem, VA 24153

Tidewater Commodore UG

Meeting Place: Open Door Chapel
(rear)
Virginia Beach
When: 2nd & 4th Thur. 7 PM
Interests: Amiga/ Commodore
804-588-5617

Washington Area Commodore UG

Meeting Place: George Mason High
School
7124 Leesburg Pike, Falls Church
When: 3rd Sat.
Interests: Amiga/ Commodore
Contact: John Krout
703-273-6074

▼ WASHINGTON ▼

Amiga First Users Group of Spokane

AFUGS
Meeting Place: Various Amiga Dealers
in Spokane
When: 2nd Wed. 7PM
Interests: Amiga
Contact: Dave Harris
(503) 299-7543
Mailing address:
Rt. 2 Box 10R7
Espanola, WA 99022

AMUSE

Meeting Place: Lake Hills Library
15228 Lake Hills Blvd, Bellevue
When: Sat. 4:30 PM
Interests: Amiga
Contact: Jim Boydston
206-255-2043

Bellingham Amiga Users

Bel-Ami
Meeting Place: Bond Hall Room 104/
105
Western Washington Campus (visitors
welcome)
When: 1st Wed., 7PM
Interests: Amiga
Contact: T. Scott
Mailing address:
Bellingham Amiga User's Group
c/o P.O. Box 786
Bellingham, WA 98227-0786

Blue Mountain Commodore UG

Meeting Place: Labor Council
Walla Walla
When: 343 S. 3rd Ave.. 7:30 PM
Interests: Amiga/ Commodore / MS-
DOS
Contact: Jim Godfrey
509-529-4663

Island Commodore UG

Meeting Place: Harbor Towers
7330 700th Ave W Oak Harbor
When: 2nd Sat. 7:30 PM
Interests: Commodore
Contact: Carole Czapinski
206-679-4450

O.P.U.G.

Meeting Place: Agnew Community Hall
Port Angeles
When: 2nd Thur. 7:30 PM
Interests: Commodore
Contact: James Rosand
BBS/206-452-8601

S.T.A.G.

Meeting Place: Bates V. Tech
2201 S. 78th St. Tacoma
When: 2nd Tue. 7 PM
Interests: Amiga
Contact: Ralph Redjou
206-581-2993

SWAMI

Meeting Place: Take A Byte Computers
815 W. Columbia Dr Kennewick
When: 2nd Thur. 7 PM
Interests: Amiga
Contact: Chris Bosted
509-375-7709

UPCHUG

Meeting Place: Fircrest Recreation
Center
Tacoma
When: 2nd & 4th Thur. 7 PM
Interests: Amiga / Commodore
Contact: David Ockrassa
206-832-3359

Vancouver Amiga User Group

VAUG
Meeting Place: Smokey's Pizza
Hazelville
When: 2nd Mon. 7:30 PM
Interests: Amiga
Contact: Dan Edwards
206-896-9834
BBS 206-695-3630
Mailing address:
P.O. Box 84544
Vancouver, WA 98684-0544

WACKO Walla Walla Computer Users

Meeting Place: Main lecture hall of the
Life Science Center
Walla Walla College, College Place
When: 3rd Sun. 2 PM
Contact: Richard Daley

▼ WEST VIRGINIA ▼

BUG 20/64 Bluefield UG

Meeting Place: Humana S. Lukes
Southview Dr, Bluefield
When: 2nd Mon.
Interests: Commodore
Contact: John Knowles
703-326-2140

▼ WISCONSIN ▼

CHIPS

Meeting Place: 800 East Kilbourn
West Bend
When: 2nd Wed & 4th Thur. 6:30 PM
Interests: Commodore
Contact: Thomas Daley
414-338-3047

Lakeshore Commodore Core

Meeting Place: Lakeshore Tech College
(conf rm A)
Cleveland
When: 2nd Wed. 7 PM
Interests: Amiga / Commodore
Contact: Merwyn Beyer

Milwaukee Area Commodore

Enthusiasts
MACE
Meeting Place: American Legion Post
9153 W. Beloit Road (one block south of
92nd and Oklahoma Ave.)
When: 2nd & 4th Mon, 7PM
Interests: Amiga
Contact: Mike Mrstik
(414) 645-0951
Mailing address:
Milwaukee Area Commoodre Enthusiasts
P.O. Box 26216
Milwaukee, WI 53226

▼ WYOMING ▼

Casper Commodore User Group

CCUG
Meeting Place: Crazy Mountain
Software
511 E. Sunset Street Casper
When: Call for details
Interests: Amiga/Commodore 64
Contact: Roy Pahnke
(307) 577-1963

Cheyenne Association

Meeting Place: Laramie County Library
2800 Central Ave., Cheyenne
When: 1st Thur. 7 PM
Interests: Commodore
Contact: Gene Rugotzke

▼ AUSTRALIA ▼

Adelaide AMIGA user group

ADAM
Meeting Place: Mawson High School
Library
Colton Ave. Hove Adelaide
When: Every Mon.
Interests: Amiga
Contact: A. Wilson
Mailing address:
G.P.O. Box 332
Adelaide, South Australia, 5000

Albury Wodonga CU

Mailing address:
Albury Wodonga CUG
P.O. Box 1014
Albury, NSW 2640,
Australia

Amiga Burwood UG

Mailing address:
Amiga Burwood UG
P.O. Box 308
Burwood, NSW 2134,
Australia

Amiga UG (Vic) Inc

Meeting Place:
When:
Mailing address:
Amiga UG (Vic) Inc
P.O. Box 48
Boronia, VIC 3155,
Australia

Amiga UG of NT

Mailing address:
Amiga UG of NT
P.O. Box 3895
Winnellie, NT 0821,
Australia

Amiga UG of SA

Mailing address:
Amiga UG of SA
P.O. Box 10131
Adelaide, SA 5001,
Australia

Amiga UG of WA Inc.

Meeting Place: Curtin University,
Bentley
When: 2nd Tuesday of the month
Tutorials every Friday
Interests: Newsletter: AUGMENT
Contact: Bill Charpe-Smith, President
(09) 362-3539 Bill Charpe-Smith
(09) 279-2778 Arthur Rutland
Mailing address:
Amiga UG of WA Inc.
P.O. Box 595
Cloverdale, WA 6105,
Australia

Amiga User Group of Western Australia Inc.

AUGWA
Meeting Place: Curtin University,
Bentley
When: 2nd Tuesday of each month
Interests: Amigas
Contact: Bill Sharpe-Smith
(09) 362-3539
(09) 275-4689 FAX
Mailing address:
Amiga Users Group of W.A. Inc.
P.O. Box 595
Cloverdale W.A. 6105

Amiga Users Group
Meeting Place: Melbourne
Interests: Amiga
 Contact: L.A. Beranek
 (613) 527-1995
 (613) 376-3887
 (613) 376-7375
Mailing address:
 Box 48
 P.O. Boronia
 VIC 3155

Armidale Amiga UG
Mailing address:
 Armidale Amiga UG
 3/217 Beardy Street
 Armidale, NSW 2350,
 Australia

Australian Amiga UG
Meeting Place:
When: 2nd Saturday of the month
Interests: Publication: Australian Amiga
 (076) 932-198
Mailing address:
 Australian Amiga UG
 P.O. Box 1386
 Toowoomba, QLD 4350,
 Australia

Australian Amiga Users Association
Mailing address:
 Australian Amiga Users Association
 P.O. Box 389
 Penrith, NSW 2750,
 Australia

Balaclava UG
Mailing address:
 Balaclava UG
 3/2 Almond Avenue
 Brooklyn, VIC 3025,
 Australia

Barossa UG
Mailing address:
 Barossa UG
 RSD Box 1 Daveyston
 Greenock, SA 5300,
 Australia

Border District CUG
Mailing address:
 Border District CUG
 P.O. Box 536
 Wodonga, VIC 3090,
 Australia

Brisbane Amiga UG Inc
Mailing address:
 Brisbane Amiga UG Inc.
 Lot 4 Lindsay Road
 Morayfield, QLD 4500,
 Australia

Bundaberg CUG
Mailing address:
 Bundaberg CUG
 P.O. Box 1599
 Bundaberg, QLD 4670,
 Australia

Burnie Commodore Amiga UG
Meeting Place: Mooreville Road campus
 of TAFE
When: 2nd Tuesday of the month
 (except school holidays)
Interests: Newsletter: B.C.A.U.G. News
 Contact: Clyde McLennen, President
Mailing address:
 Burnie Commodore Amiga UG
 P.O. Box 471
 Burnie TAS 7320,
 Australia

CAUSE
Meeting Place: Seventh Day Adventist
 Church Hall
 3 Macleay St., Turner
When: 2nd Thur. 8 PM
Interests: Amiga
 Contact: John Buttle
 BBS/062-551469
 062-514141

CRI CUG
Meeting Place: VRI Hall Stewart Street
 Braybrook
When: Every 3rd Sunday 7:30 p.m.
 Contact: Rod Mason, President
 (03) 314-5677 Steve Riepsamen
 (03) 306-4063 Rod Mason

CUG (VIC)
Mailing address:
 CUG (VIC)
 1 Argyle Street
 Gladstone, VIC 3140,
 Australia

CUG of Australia
Mailing address:
 CUG of Australia
 P.O. Box 166
 Pittsworth, QLD 4350,
 Australia

Canberra Amiga Users Society
CAUSE
Meeting Place: Canerra Workers Club
When: 2nd Thurs., 7 PM
Interests: Amiga
 Contact: Paul Martin
 (011) 06-2532121
Mailing address:
 GPO Box 596
 Canberra City,
 ACT 2601 Australia

Canberra UG ACT Inc.
Mailing address:
 Canberra UG ACT Inc.
 P.O. Box 409
 Curtin, ACT 2005,
 Australia

Commodore CUG (WA)
Mailing address:
 Commodore CUG (WA)
 234 Balcatta Road
 Gwelup, WA 6021,
 Australia

Commodore CUG Inc
CCUG Inc
Meeting Place:
When:
Interests: Cursor-Newsletter
 Contact: Greg Perry, President
 (07) 366-3295 Greg Perry
 (07) 209-9084 Mike Williams
 (07) 808-7694 BBS
Mailing address:
 Commodore CUG Inc.
 P.O. Box 274
 Springwood, QLD 4127,
 Australia

Commodore Computer Club WA
Mailing address:
 Commodore Computer Club WA
 P.O. Box 146
 Willetton, WA 6155,
 Australia

Commodore Hornsby UG
Mailing address:
 Commodore Hornsby UG
 P.O. Box 1578, Hornsby
 Northgate, NSW 2077,
 Australia

Commodore UG Mackay
Meeting Place: Mackay & District
 Education Center North Mackay
When: Every 2nd Wednesday 7:30 p.m.
 Contact: Trevor Johnston
 (07) 959-8417
Mailing address:
 Commodore UG Mackay
 P.O. Box 422
 Mackay, QLD 4740,
 Australia

Compu-Tech Computer Club
Mailing address:
 Compu-Tech Computer Club
 15 Hazelton Grove
 Gateshead, NSW 2290,
 Australia

Computer Users Groups of Australia
Meeting Place: St. Peters Lutheran
 Church Hall
 Hadley & Grand St Pittsworth, Qld
When: 1st Sat.
Interests: Amiga
 Contact: Ross Hall

Cooma Amiga UG
Mailing address:
 Cooma Amiga UG
 P.O. Box 409
 Cooma, NSW 2630,
 Australia

Dingily CUG
Mailing address:
 Dingily CUG
 1 Hazelwood Close
 Dingily, VIC 3172,
 Australia

East Coast Amiga
Mailing address:
 East Coast Amiga
 P.O. Box 344
 Gosford, NSW 2250,
 Australia

Eastern Suburbs CUG
Mailing address:
 Eastern Suburbs CUG
 P.O. Box 236
 Botany, NSW 2019,
 Australia

Eastern Suburbs Eighty UG
Mailing address:
 Eastern Suburbs Eighty UG
 17 Douglas Avenue
 Box Hill South, VIC 3128,
 Australia

Gladstone Amiga UG
Mailing address:
 Gladstone Amiga UG
 P.O. Box 1390
 Gladstone, QLD 4600,
 Australia

Hedland CUG
Mailing address:
 Hedland CUG
 5a Baler Close
 South Hedland, WA 6722,
 Australia

Ipswich CUG
Mailing address:
 Ipswich CUG
 P.O. Box 252
 Ipswich, QLD 4305,
 Australia

Knoxcom Incorporated
Mailing address:
 Knoxcom Incorporated
 P.O. Box 2000
 Ferntree Gully, VIC 3156,
 Australia

MacQuarie Fields UG
Mailing address:
 MacQuarie Fields UG
 32 Rosewood Drive
 MacQuarie Fields NSW 2564,
 Australia

Melbourne Commodore Computer Club
Mailing address:
 Melbourne Commodore Computer Club
 P.O. Box 177
 Box Hill, VIC 3128,
 Australia

Moe CUG
Mailing address:
 Moe CUG
 20 Edward Crescent
 Trafalgar, VIC 3824,
 Australia

Mount Isa Amiga UG
Mailing address:
 Mount Isa Amiga UG
 P.O. Box 1722
 Mount Isa, QLD 4825,
 Australia

Newcastle CUG
Meeting Place: Charlestown Public
 Library
 Ridley Street, Charlestown
When: 4th Tuesday of the month 7:00
 p.m.
Interests: Newsletter: VICTIM
 Contact: Marcus Graham or Sue Slack
 (049) 634-952
 (049) 471-118
Mailing address:
 Newcastle CUG
 4/13 Smart Street
 Charlestown, NSW 2290,
 Australia

Northern Amiga UG
Meeting Place:
When:
Interests: Newsletter of the Northern
 Amiga User Group
 Contact: Marc Katona, President
Mailing address:
 Northern Amiga UG
 P.O. Box 1722
 Mount Isa, QLD 4825,
 Australia

Penrith CUG
Meeting Place: Victoria Street
 Community Cottage
 Victoria St., Werrington
When: 3rd Wednesday of each month
 7:30 p.m.
 Contact: Gary Bull, President
 (02) 670-3207
 (02) 623-4258 after 5
Mailing address:
 Penrith CUG
 42 Alpine Circuit
 St. Clair, NSW 2759,
 Australia

Perth Commodore & Amiga UG
Meeting Place: Les Hansman Centre 246
 Walter Road
 Morley
When: Every Thursday night 7-9:30
 p.m.
 Contact: John Roe
 (09) 276-6287
Mailing address:
 Perth Commodore & Amiga UG
 22 Marriot Way
 Morley WA 6062,
 Australia

RAAF Richmond Computer Club
Mailing address:
 RAAF Richmond Computer Club
 C/-CTS, SSSRIC, RAAF Base
 Richmond, NSW 2755,
 Australia

S.A.C.C.U.G.
Meeting Place: North Adelaide Primary
 School Tynte Street
 North Adelaide
When: 1st & 3rd Monday of the month
 7:30 p.m.
Interests: Newsletter: Bits and Bytes
 Contact: Glenn, President
Mailing address:
 S.A.C.C.U.G.
 P.O. Box 427
 North Adelaide SA 5006,
 Australia

Shepparton Commodore Computer Club
Meeting Place: Guide Hall Center of
 Nixon & Skene Street
 Shepparton
When: Fortnightly on Sunday 7:30-9:00
 P.M.
 Contact: Val Hutchinson

Singleton Amiga UG
Meeting Place: Staff Romm of the
 Singleton Heights Public School
When: 2nd Wednesday of the month
 7:00 p.m.
 Contact: Ken Gate, Chairman
Mailing address:
 Singleton Amiga UG
 22 Falkiner Crescent
 Singleton Heights,
 NSW 2330 Australia

Southern Districts CUG
Mailing address:
 Southern Districts CUG
 1 Birubi Way
 Morphett Vale, SA 5162,
 Australia

Stawell CUG
Mailing address:
 Stawell CUG
 P.O. Box 299
 Stawell, VIC 3380,
 Australia

Sydcorn
Mailing address:
 Sydcorn
 GPO Box 1542
 Sydney, NSW 2001,
 Australia

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Product Index by Vendor
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Last Minute Additions

Tasmanian Amiga UG
Mailing address:
 Tasmanian Amiga UG
 6A Hamilton St.
 Launceston, TAS 7250,
 Australia

Tasmanian Commodore Users Association
Meeting Place: Glenorchy Derwent
 Regional Library Terry Streety,
 Glenorchy
When: 7:30 p.m.
Interests: Newsletter: Discourse
 Contact: Kaz Paul, President
Mailing address:
 Tasmanian Commodore Users
 Association
 P.O. Box 673 GPO
 Hobart, TAS,
 Australia

Tuggerah Lakes CUG
Mailing address:
 Tuggerah Lakes CUG
 P.O. Box 2257
 Gosford, NSW 2250,
 Australia

VK Commodore UG
Mailing address:
 VK Commodore UG
 P.O. Box 168
 Launceston, TAS 7467,
 Australia

VRI CUG
Mailing address:
 VRI CUG
 P.O. Box 253
 Glenroy, VIC 3040,
 Australia

West Coast CUG
Mailing address:
 West Coast CUG
 8 Hurst Street
 Queenstown, TAS 7467,
 Australia

Whyalla CUG
Mailing address:
 Whyalla CUG
 P.O. Box 2367
 Whyalla (Norrie), SA 5608,
 Australia

Wollongong Amiga UG
Mailing address:
 Wollongong Amiga UG
 42 Heaslip Street
 Coniston, NSW 2500,
 Australia

Yarra Valley CUG
Mailing address:
 Yarra Valley CUG
 P.O. Box 170
 Lilydale, VIC 3140,
 Australia

▼ BRAZIL ▼

Synthesis
Meeting Place: 30260 Belo Horizonte
 MG
When: Weekends
Interests: Amiga
 Contact: Alvaro Angelo
 031-467-1480
Mailing address:
 Rua Euclasio 357/503
 30260 Belo Horizonte
 MG, Brazil

▼ CANADA ▼

AMUC
Meeting Place: University of Calgary
 Craigie Hall (RM CH119)
 Calgary
When: 3RD Wed. 7 PM
Interests: Amiga
 Contact: Dale Schofield
 403-293-7102

Amici Amiga
Meeting Place: Auditorium of the
 National Research Council
 100 Sussex Dr., Ottawa
When: 2nd Wed. 7:30 PM
Interests: Amiga
 Contact: Walt Sullivan
Mailing address:
 5 Commanche Dr.
 Nepean
 Ontario, Canada, K2E 6E8

Amiga Alliance, Amiga Users of North Bay
Meeting Place: Nipissig University
 Room A250
When: 2nd Wednesday of the month at
 7:30 p.m.
Interests: Amiga products and software
 Contact: Richard Blaszczyk
 (705) 474-6487
Mailing address:
 Amiga Alliance
 Amiga Users Group of North Bay
 17 Pollard Avenue,
 North Bay, Ontario P1A 1Z4

Amiga-Based User Group ABUG
Meeting Place: 519 Church Street,
 Toronto Ontario,
 Canada
When: 3rd Sun, 2-5 PM
Interests: Amiga
 Contact: Chris Larcombe
 (416) 498-7000
Mailing address:
 1795 Meadowview Avenue
 Pickering,
 Ontario Canada L1V 3G7

Brampton Commodore UG
Meeting Place: Chingscousy Lib-
 Bramalea
 Brampton
When: 2ND Mon (except July-August).
 7-9 PM
Interests: Amiga/Commodore
 Contact: Daniel Berg
 705-846-7981

Calgary Commodore UG
Meeting Place: Public Lib 616 MacLeod
 Trail SE
 Calgary
When: 1ST WED (except July & Aug.).
 7:30 -11 PM
Interests: Amiga/ Commodore
 Contact: Ralph Dunphy
 403-286-4568

Commodore Computer Club
Meeting Place: B.C.I.T. rm 129A
When: second and fourth Wednesday's
 Contact: Bill Wagstaff
 (614) 597-1746
Mailing address:
 P.O. Box 80343
 South Burnaby, B.C.,
 Canada V5H 3X6

Commodore Users of Edmonton 650C.U.E.
Meeting Place: Archbishop Jordan High
 School
When: last Fri 7:30 PM
Interests: Commodore
 Contact: Bob Kadylo
 BBS 403-466-7656

Commodore Users of Edmonton amIC.U.E.
Meeting Place: University of Alberta,
 Phys Ed Building Room E120
When: 3rd Thurs. 7 PM
Interests: Amiga
 Contact: Roger Walker
 BBS 403-454-2832
Mailing address:
 Box 3155
 Fort Saskatchewan
 Alberta, Canada, T86 2T2
 Peter Dahl, Secretary

Kick Start Amiga Users Group
Meeting Place: Innovision 800 Hanwell
 Rd., Ste. E
 Fredericton, N.B. Canada
When: Last Wed of the month 7-9 PM
Interests: Amigas
 Contact: Calvin Martin
 Calvin Martin
 (506) 458-0895
Mailing address:
 Kick Start Amiga Users Group
 c/o Calvin Martin
 155 Aberdeen Street,
 Fredericton, NB Canada E3B 1R4

LUGNUTS
Meeting Place: St. Katherines Library
 54 Church St.
When: 2nd Thurs. 7:30 PM
Interests: Amiga
 Contact: Rob Maxwell
 416-227-0609
Mailing address:
 7 Killamey Crescent
 Thorold
 Ontario, Canada, L2V 4C2

MUG
Meeting Place: Dieppe Town Hall
 Dieppe
When: 1st Tue 7-10PM
Interests: Amiga/Commodore
 Contact: Dave Quinn
 506-382-9664

Midland Commodore UG
Meeting Place: Midland Centennial
 Arena Boardroom #1
 Midland
When: 1st WED. 7:30 PM
Interests: Amiga/Commodore
 Contact: Frank Murphy
 BBS/705-549-7397

North Bay Commodore UG
Meeting Place: Ministry of Transporta-
 tion
 North Bay
When: 1st WED. 7 PM
Interests: Amiga/ Commodore
 Contact: Fred Miller
 705-474-8714

Pleasantville Commodore UG
Meeting Place: Bldg 308 Langley Rd
 St. John's
When: 2nd Tue . 8 PM
Interests: Amiga / Commodore
 Contact: Michael Sullivan
 709-726-0136

Port Coquitlam Computer Club
Meeting Place: Hyde Creek Centre
 1379 Laurier Port, Coquitlam
When: 1st & 3rd Tue
Interests: Amiga/ Commodore
 Contact: Michael Evans
 604-942-4286

The Amiga Manitoba User Group AMUG
Meeting Place: The Manitoba Hydro
 Building 820 Taylor
 Winnipeg, Manitoba
When: last Tues. 7:30 PM
Interests: Amiga
 Contact: Nick Blazanovic
 BBS 204-786-7850
Mailing address:
 BOX 98 ST. Norbert Station
 Winnipeg
 Manitoba, Canada, R3V 1L5

Toronto Pet Users Group, Inc TPUG
Meeting Place: York Public Library,
 Story Hour Rm downstairs
 1745 Eglinton Ave W. one block east of
 Dufferin
When: Second Tuesday of the month
 except July and August at 7:30pm
Interests: Central Amiga
 Contact: George Skinner
 (416) 225-8538 (evenings)
Mailing address:
 5334 Yonge St.
 Box #116
 Willowdale, Ontario,
 Canada M2N 6M2

▼ NEW ZEALAND ▼

Amiga User Group of N.Z.
Mailing address:
 Amiga User Group of N.Z.
 P.O. Box 35107
 Christchurch, NZ,

Christchurch CUG
Mailing address:
 Christchurch CUG
 P.O. Box 4665
 Christchurch,
 New Zealand

NZ Micro Computer Club
Mailing address:
 NZ Micro Computer Club
 P.O. Box 6210
 Auckland, NZ,

New Zealand Amiga User Group
Mailing address:
 New Zealand Amiga User Group
 P.O. Box 85094, Sunnynook
 Auckland, NZ, NZ10,

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Access Technologies, Inc.
P. O. Box 20219
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(512) 343-9564

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AMIGA Tech
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American Software Distributors
502 E. Anthony Dr.
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(315) 393-1525 FAX

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(608) 455-1317 FAX

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(514) 281-9925

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(702) 298-4252

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(416) 686-8595 FAX

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Mountainside, NJ 07092
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(408) 996-3367 FAX

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Manhattan Beach, CA 90266
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Somerset, MA 02726
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San Luis Obispo, CA 93401
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(519) 747-5284 FAX

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Zuma Group
6733 N. Black Canyon Hwy.
Phoenix, AZ 85015
(602) 246-4238
(602) 246-6708 FAX

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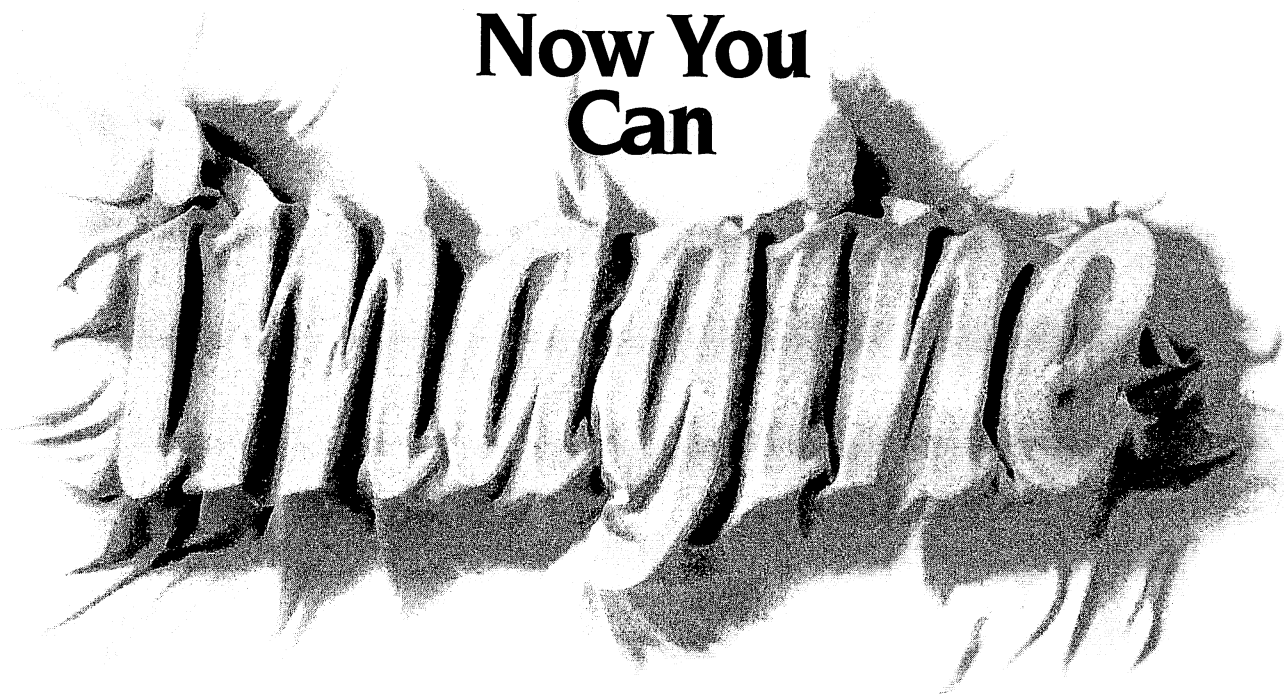
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4.6 4.7 4.8 4.9 4.10 4.11 4.12 5.1 5.2 5.3 5.4 5.5 5.6 5.7 5.8 5.9 5.10 5.11 5.12
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(please check all that apply)
O 1. Amiga 3000 O 4. Amiga 3000
O 2. Amiga 2500 O 5. Amiga 2500
O 3. Amiga 2000 O 6. do not own an Amiga

B. If none of the above, which do you plan to buy soon?
O 7. Amiga 3000 O 9. Amiga 2000
O 8. Amiga 2500 O 10. Amiga 500

C. Which Amiga hardware product do you plan to buy next?
O 11. memory expansion O 15. modem
O 12. hard drive O 16. music tool
O 13. IBM emulators O 17. video product
O 14. printer O 18. accelerator
O 19. other (please specify): _____

D. Which Amiga software product do you plan to buy next?
O 20. 'C' language O 27. spreadsheet
O 21. Forth language O 28. database
O 22. Modula-2 language O 29. financial
O 23. Assembly language O 30. video
O 24. BASIC language O 31. graphics
O 25. entertainment O 32. music
O 26. telecommunications O 33. other (please specify): _____

E. How much money are you likely to spend on all Amiga product purchases this year?
O 34. \$0—\$250 O 38. \$1501—\$2000
O 35. \$251—\$500 O 39. \$2001—\$4000
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O 37. \$1001—\$1500

F. Where do you buy Amiga products?
O 41. local Amiga Dealer O 43. manufacturer
O 42. discount department store O 44. mail order

G. How many times have you purchased an Amiga product after seeing it advertised in AC?
O 45. frequently O 47. once
O 46. occasionally O 48. never

H. How do you obtain your copy of AC monthly?
O 49. subscribe (how long? _____ years)
O 50. buy at local Amiga dealer
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J. How do you read AC each month? (please check one):
O 54. read virtually everything, cover-to-cover
O 55. scan through pages and read items of interest only
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106	107	108	109	110	226	227	228	229	230
111	112	113	114	115	231	232	233	234	235
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O 2. Amiga 2500 O 5. Amiga 2500
O 3. Amiga 2000 O 6. do not own an Amiga

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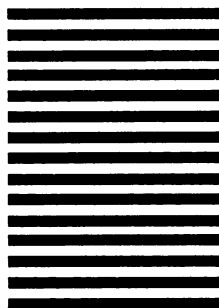
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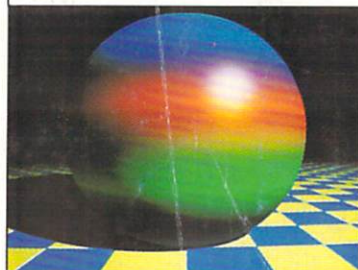
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